

CADRA WLR (HI7 → ZERO)

AL: CADRWD: CADRA WLR

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CAMP PROCESSOR SIGNAL NAME		CADRWD:CADRA WLR			29-FEB-80 2103						
LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
H17	4E24-14	N	TOP								
	2C28-01(03)	I	II	-2.0	0.5	17.1	-CLR	RES20 74S194	RES20 74S194	SPC Q	D7
	2C27-01(03)	I	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	D8
	2C22-01(03)	I	II	-2.0	0.5	1.5	-CLR	74S194	74S194	Q	D3
	2C23-01(03)	I	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	D1
	2C13-01(03)	I	II	-2.0	0.5	2.6	-CLR	74S194	74S194	Q	B6
	2C12-01(03)	I	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	B8
	2C07-01(03)	I	II	-2.0	0.5	1.5	-CLR	74S194	74S194	Q	B3
	2C08-01(03)	I	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	B1
	2C03-09(12)	I	IIS	-4.0	0.10	1.0		74S37	74S37	CLOCKD	C3
	2C03-05(08)	I	IIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	C3
	2C03-02(05)	I	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	B3
	1F05-07(09)	I	IIS	-2.0	0.5	11.2		74S133	74S133	CLOCKD	D3
				(0.75)/(-2.50)		56.5					
H18	4E29-07	I	TOP		-2.50			RES20	RES20	SPC	D8
	1F05-10(12)	I	IIS	-2.0	0.5	30.4		74S133	74S133	CLOCKD	D3
				(0.5)/(-2.50)							
H19	4E29-08	I	TOP		-2.50			RES20	RES20	SPC	D8
	1F05-11(13)	I	IIS	-2.0	0.5	30.6		74S133	74S133	CLOCKD	D3
				(0.5)/(-2.50)							
I0	3CJ1-01	N	II				CON		CPINS	A3	
	3C04-13(15)	I	II	-2.0	0.5	1.8	D3R	25S09	25S09	I REG	D8
	3C09-01(04)	I	II	-2.0	0.5	1.4	IN	74S32	74S32W	I OR	D8
				-4.0/0.0		4.7					
I1	3CJ1-02	N	II				CON		CPINS	A3	
	3C04-12(14)	I	II	-2.0	0.5	1.8	D7R	25S09	25S09	I REG	D8
	3C09-04(07)	I	II	-2.0	0.5	1.6	IN	74S32	74S32W	I OR	D8
				-4.0/0.0		4.0					
I10	3C07-09(12)	N	II				IN	74S32	74S32W	I OR	D5
	3C02-05(07)	I	II	-2.0	0.5	1.8	D1B	25S09	25S09	I REG	D5
	3CJ1-11	I				5.1	CON		CPINS	B3	
				-4.0/0.0							
I11	3CJ1-12	N	II				CON		CPINS	B3	
	3C02-04(06)	I	II	-2.0	0.5	1.7	D8R	25S09	25S09	I REG	D5
	3C07-12(18)	I	II	-2.0	0.5	1.6	IN	74S32	74S32W	I OR	D5
				-4.0/0.0		4.8					
I12	3CJ1-13	N	II				CON		CPINS	B3	
	3C01-13(15)	I	II	-2.0	0.5	1.9	D3R	25S09	25S09	I REG	D4
	JC06-01(04)	I	II	-2.0	0.5	1.4	IN	74S32	74S32W	I OR	D4
				-4.0/0.0		4.8					
I13	3CJ1-14	N	II				CON		CPINS	B3	
	3C01-12(14)	I	II	-2.0	0.5	2.0	D2R	25S09	25S09	I REG	D4
	3C06-04(07)	I	II	-2.0	0.5	1.6	IN	74S32	74S32W	I OR	D4
				-4.0/0.0		5.1					
I14	3C06-09(12)	N	II				IN	74S32	74S32W	I OR	D4
	3C01-05(07)	I	II	-2.0	0.5	1.8	D1B	25S09	25S09	I REG	D4
	3CJ1-15	I				5.1	CON		CPINS	B3	
				-4.0/0.0							
I15	3CJ1-16	N	II				CON		CPINS	B3	
	3C01-04(06)	I	II	-2.0	0.5	1.7	D8R	25S09	25S09	I REG	D4
	3C06-12(15)	I	II	-2.0	0.5	1.6	IN	74S32	74S32W	I OR	D4
				-4.0/0.0		4.8					

CADR PROCESSOR		CADRWD;CADR4 WLR			-29-FEB-80 2103						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
I28	3DJ1-13	\					COM		CPINS	D3	
	3D14-01(04)	.1	TI	-2.0	0.5	3.8	IN	74S32	74S32W	IOR	B6
	3D18-05(07)	i	TI	-2.0	0.5	1.8	D1B	25S09	25S09	IREG	B8
				-4.0/0.0		7.1					
I29	3DJ1-14	\					COM		CPINS	D3	
	3D14-04(07)	.1	TI	-2.0	0.5	4.1	IN	74S32	74S32W	IOR	B6
	3D19-04(06)	i	TI	-2.0	0.5	1.4	D0B	25S09	25S09	IREG	B8
				-4.0/0.0		7.0					
I3	3C09-12(15)	\					IN	74S32	74S32W	IOR	D8
	3C04-04(06)	.1	TI	-2.0	0.5	1.6	D0B	25S09	25S09	IREG	D8
	3CJ1-04	i				4.7	CON		CPINS	A3	
				-4.0/0.0							
I30	3DJ1-15	\					COM		CPINS	D3	
	3D14-09(12)	.1	TI	-2.0	0.5	4.2	IN	74S32	74S32W	IOR	B6
	3D18-13(15)	i	TI	-2.0	0.5	1.4	D3B	25S09	25S09	IREG	B7
				-4.0/0.0		7.1					
I31	3DJ1-16	\					COM		CPINS	D3	
	3D14-12(15)	.1	TI	-2.0	0.5	4.0	IN	74S32	74S32W	IOR	B6
	3D18-12(14)	i	TI	-2.0	0.5	1.7	D2B	25S09	25S09	IREG	B7
				-4.0/0.0		7.2					
I32	3FJ1-01	\					COM		CPINS	A4	
	3D13-01(04)	.1	TI	-2.0	0.5	4.2	IN	74S32	74S32W	IOR	B5
	3D18-05(07)	i	TI	-2.0	0.5	1.8	D1B	25S09	25S09	IREG	B7
				-4.0/0.0		7.5					
I33	3EJ1-02	\					COM		CPINS	A4	
	3D13-04(07)	.1	TI	-2.0	0.5	4.5	IN	74S32	74S32W	IOR	B5
	3D18-04(06)	i	TI	-2.0	0.5	1.4	D0B	25S09	25S09	IREG	B7
				-4.0/0.0		7.4					
I34	3FJ1-03	\					COM		CPINS	A4	
	3D13-09(12)	.1	TI	-2.0	0.5	4.6	IN	74S32	74S32W	IOR	B5
	3D17-13(15)	i	TI	-2.0	0.5	1.4	D3B	25S09	25S09	IREG	B5
				-4.0/0.0		7.5					
I35	3FJ1-04	\					COM		CPINS	A4	
	3D13-12(15)	.1	TI	-2.0	0.5	4.3	IN	74S32	74S32W	IOR	B5
	3D17-12(14)	i	TI	-2.0	0.5	1.7	D2B	25S09	25S09	IREG	B5
				-4.0/0.0		7.5					
I36	3FJ1-05	\					COM		CPINS	A4	
	3D10-01(04)	.1	TI	-2.0	0.5	4.4	IN	74S32	74S32W	IOR	B4
	3D17-05(07)	i	TI	-2.0	0.5	3.4	D1B	25S09	25S09	IREG	B5
				-4.0/0.0		9.3					
I37	3FJ1-06	\					COM		CPINS	A4	
	3D10-04(07)	.1	TI	-2.0	0.5	4.6	IN	74S32	74S32W	IOR	B4
	3D17-04(06)	i	TI	-2.0	0.5	3.0	D0B	25S09	25S09	IREG	B5
				-4.0/0.0		9.1					
I38	3FJ1-07	\					COM		CPINS	A4	
	3D10-09(12)	.1	TI	-2.0	0.5	4.6	IN	74S32	74S32W	IOR	B4
	3D16-13(15)	i	TI	-2.0	0.5	3.2	D3B	25S09	25S09	IREG	B4
				-4.0/0.0		9.3					
I39	3FJ1-08	\					COM		CPINS	A4	
	3D10-12(15)	.1	TI	-2.0	0.5	4.5	IN	74S32	74S32W	IOR	B4
	3D16-12(14)	i	TI	-2.0	0.5	3.5	D2B	25S09	25S09	IREG	B4
				-4.0/0.0		9.5					

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2103					
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
I4	3CJ1-05	\					CON		CPINS	A3	
	3C03-13(15)	.1	TI	-2.0	0.5	1.8	D3B	25S09	25S09	IREG	D7
	3C08-01(04)	i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D6
				-4.0/0.0		4.7					
I40	3EJ1-09	\					CON		CPINS	A4	
	3D09-01(04)	.1	TI	-2.0	0.5	4.3	IN	74S32	74S32W	IOR	B2
	3D16-05(07)	i	TI	-2.0	0.5	3.4	D1B	25S09	25S09	IREG	B4
				-4.0/0.0		9.2					
I41	3EJ1-10	\					CON		CPINS	A4	
	3D09-04(07)	.1	TI	-2.0	0.5	4.5	IN	74S32	74S32W	IOR	B2
	3D16-04(06)	i	TI	-2.0	0.5	3.0	DOB	25S09	25S09	IREG	B4
				-4.0/0.0		9.0					
I42	3FJ1-11	\					CON		CPINS	B4	
	3D07-13(15)	.1	TI	-2.0	0.5	3.8	D3B	25S09	25S09	IREG	B3
	3D09-09(12)	i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B2
				-4.0/0.0		6.6					
I43	3FJ1-12	\					CON		CPINS	B4	
	3D07-12(14)	.1	TI	-2.0	0.5	3.7	D2B	25S09	25S09	IREG	B3
	3D09-12(15)	i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B2
				-4.0/0.0		6.7					
I44	3EJ1-13	\					CON		CPINS	B4	
	3D07-05(07)	.1	TI	-2.0	0.5	4.0	D1B	25S09	25S09	IREG	B3
	3D08-01(04)	i	TI	-2.0	0.5	1.0	IN	74S32	74S32W	IOR	B1
				-4.0/0.0		6.5					
I45	3EJ1-14	\					CON		CPINS	B4	
	3D07-04(06)	.1	TI	-2.0	0.5	4.0	DOB	25S09	25S09	IREG	B3
	3D08-04(07)	i	TI	-2.0	0.5	1.0	IN	74S32	74S32W	IOR	B1
				-4.0/0.0		6.5					
I46	3FJ1-15	\					CON		CPINS	B4	
	3D06-13(15)	.1	TI	-2.0	0.5	3.6	D3B	25S09	25S09	IREG	B2
	3D08-09(17)	i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B1
				-4.0/0.0		6.5					
I47	3FJ1-16	\					CON		CPINS	B4	
	3D06-12(14)	.1	TI	-2.0	0.5	3.6	D2B	25S09	25S09	IREG	B2
	3D08-17(15)	i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B1
				-4.0/0.0		6.6					
I48	3EJ1-17	\					CON		CPINS	B4	
	3D06-05(07)	i	TI	-2.0	0.5	3.9	D1B	25S09	25S09	IREG	B2
				-2.0/0.0							
I5	3CJ1-08	\					CON		CPINS	A3	
	3C03-12(14)	.1	TI	-2.0	0.5	1.9	D2B	25S09	25S09	IREG	D7
	3C08-04(07)	i	TI	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D6
				-4.0/0.0		5.0					
I6	3C08-09(12)	\					IN	74S32	74S32W	IOR	D6
	3C03-05(07)	.1	TI	-2.0	0.5	1.8	D1B	25S09	25S09	IREG	D7
	3CJ1-07	i					CON		CPINS	A3	
				-4.0/0.0		5.1					
I7	3CJ1-08	\					CON		CPINS	A3	
	3C03-04(06)	.1	TI	-2.0	0.5	1.7	DOB	25S09	25S09	IREG	D7
	3C08-12(15)	i	TI	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D6
				-4.0/0.0		4.8					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
INST IN LEFT HALF	2F30-10(13) 2E05-01(04)	.	TO	20.0	-1.0				74S02	74S020	LCC	A7
			TI	-2.0	0.5	6.4			74S86	74S86	LCC	A8
						-2.0(0.5)/20.0(-1.0)						
INT	3E12-05(07) 7C25003-03(05) 3AJ1-19	\	TI	-2.0	0.5		2D	74S175	74S175	LCC	C4	
			TZ	-15.0	0.0	9.9	CON	SIP330/470-8	SIP330/470-8	D7	HEAVILY LOADED	
						-17.0/0.0 16.1						
INT. ENABLE	4D09-09(12) 3E08-11 1A18-11	\	TIS	-2.0	0.5		Y2	74S08	74S08	FLAG	C2	
			TOT	12.0	-2.60	9.3	IN8	25LS2519	25LS2519	LC	D3	
						-2.40(0.10)/12.0(-2.60) 28.6						
IOB0	3C09-03(06) 3C04-14(16)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D8	
			TI	-2.0	0.5	1.7	D3A	25S09	25S09	IREF	D8	
						-2.0(0.5)/20.0(-1.0)						
IOB1	3C09-06(09) 3C04-11(13)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D8	
			TI	-2.0	0.5	1.7	D2A	25S09	25S09	IREF	D8	
						-2.0(0.5)/20.0(-1.0)						
IOB10	3C07-08(11) 3C02-06(08)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D5	
			TI	-2.0	0.5	1.8	D1A	25S09	25S09	IREF	D5	
						-2.0(0.5)/20.0(-1.0)						
IOB11	3C07-11(14) 3C02-03(05)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D5	
			TI	-2.0	0.5	1.8	D0A	25S09	25S09	IREF	D5	
						-2.0(0.5)/20.0(-1.0)						
IOB12	3C06-03(06) 3C01-14(16)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D4	
			TI	-2.0	0.5	1.7	D3A	25S09	25S09	IREF	D4	
						-2.0(0.5)/20.0(-1.0)						
IOB13	3C06-06(09) 3C01-11(13)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D4	
			TI	-2.0	0.5	1.7	D2A	25S09	25S09	IREF	D4	
						-2.0(0.5)/20.0(-1.0)						
IOB14	3C06-08(11) 3C01-06(08)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D4	
			TI	-2.0	0.5	1.8	D1A	25S09	25S09	IREF	D4	
						-2.0(0.5)/20.0(-1.0)						
IOB15	3C06-11(14) 3C01-03(05)	.	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D4	
			TI	-2.0	0.5	1.8	D0A	25S09	25S09	IREF	D4	
						-2.0(0.5)/20.0(-1.0)						
IOB16	3C19-14(16) 3C18-03(06)	.	TI	-2.0	0.5		D3A	25S09	25S09	IREF	D3	
			TO	20.0	-1.0	.7	OUT	74S32	74S32W	IOR	D2	
						-2.0(0.5)/20.0(-1.0)						
IOB17	3C19-11(13) 3C18-06(09)	.	TI	-2.0	0.5		D2A	25S09	25S09	IREF	D3	
			TO	20.0	-1.0	.7	OUT	74S32	74S32W	IOR	D2	
						-2.0(0.5)/20.0(-1.0)						
IOB18	3C19-06(08) 3C18-08(11)	.	TI	-2.0	0.5		D1A	25S09	25S09	IREF	D3	
			TO	20.0	-1.0	1.3	OUT	74S32	74S32W	IOR	D2	
						-2.0(0.5)/20.0(-1.0)						
IOB19	3C19-03(05) 3C18-11(14)	.	TI	-2.0	0.5		D0A	25S09	25S09	IREF	D3	
			TO	20.0	-1.0	1.3	OUT	74S32	74S32W	IOR	D2	
						-2.0(0.5)/20.0(-1.0)						

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SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IOB2	3C09-08(11) 3C04-08(08)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D8
			TI	-2.0	0.5	1.8	D1A	25S09	25S09	IREG	D8
				-2.0(0.5)/20.0(-1.0)							
IOB20	3C17-14(16) 3C16-03(06)	i	TI	-2.0	0.5		D3A	25S09	25S09	IREG	D2
			TO	20.0	-1.0	.7	OUT	74S32	74S32W	IOR	D1
				-2.0(0.5)/20.0(-1.0)							
IOB21	3C17-11(13) 3C16-06(09)	i	TI	-2.0	0.5		D2A	25S09	25S09	IRFG	D2
			TO	20.0	-1.0	.7	OUT	74S32	74S32W	IOR	D1
				-2.0(0.5)/20.0(-1.0)							
IOB22	3C17-06(08) 3C16-08(11)	i	TI	-2.0	0.5		D1A	25S09	25S09	IREG	D2
			TO	20.0	-1.0	1.3	OUT	74S32	74S32W	IOR	D1
				-2.0(0.5)/20.0(-1.0)							
IOB23	3C17-03(05) 3C16-11(14)	i	TI	-2.0	0.5		D0A	25S09	25S09	IREG	D2
			TO	20.0	-1.0	1.3	OUT	74S32	74S32W	IOR	D1
				-2.0(0.5)/20.0(-1.0)							
IOB24	3D20-14(16) 3D15-03(06)	i	TI	-2.0	0.5		D3A	25S09	25S09	IREG	D1
			TO	20.0	-1.0	1.5	OUT	74S32	74S32W	IOR	B8
				-2.0(0.5)/20.0(-1.0)							
IOB25	3D20-11(13) 3D15-06(09)	i	TI	-2.0	0.5		D2A	25S09	25S09	IRFG	D1
			TO	20.0	-1.0	1.5	OUT	74S32	74S32W	IOR	B8
				-2.0(0.5)/20.0(-1.0)							
IOB26	3D19-14(16) 3D15-08(11)	i	TI	-2.0	0.5		D3A	25S09	25S09	IRFG	B8
			TO	20.0	-1.0	1.2	OUT	74S32	74S32W	IOR	B8
				-2.0(0.5)/20.0(-1.0)							
IOB27	3D19-11(13) 3D15-11(14)	i	TI	-2.0	0.5		D2A	25S09	25S09	IRFG	B8
			TO	20.0	-1.0	1.7	OUT	74S32	74S32W	IOR	B8
				-2.0(0.5)/20.0(-1.0)							
IOB28	3D19-06(08) 3D14-03(06)	i	TI	-2.0	0.5		D1A	25S09	25S09	IRFG	B8
			TO	20.0	-1.0	1.7	OUT	74S32	74S32W	IOR	B6
				-2.0(0.5)/20.0(-1.0)							
IOB29	3D19-03(05) 3D14-06(09)	i	TI	-2.0	0.5		D0A	25S09	25S09	IREG	B8
			TO	20.0	-1.0	1.1	OUT	74S32	74S32W	IOR	B6
				-2.0(0.5)/20.0(-1.0)							
IOB3	3C09-11(14) 3C04-03(06)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D8
			TI	-2.0	0.5	1.8	D0A	25S09	25S09	IREG	D8
				-2.0(0.5)/20.0(-1.0)							
IOB30	3D18-14(16) 3D14-08(11)	i	TI	-2.0	0.5		D3A	25S09	25S09	IRFG	B7
			TO	20.0	-1.0	1.2	OUT	74S32	74S32W	IOR	B6
				-2.0(0.5)/20.0(-1.0)							
IOB31	3D18-11(13) 3D14-11(14)	i	TI	-2.0	0.5		D2A	25S09	25S09	IRFG	B7
			TO	20.0	-1.0	1.7	OUT	74S32	74S32W	IOR	B6
				-2.0(0.5)/20.0(-1.0)							
IOB32	3D18-06(08) 3D13-03(06)	i	TI	-2.0	0.5		D1A	25S09	25S09	IRFG	B7
			TO	20.0	-1.0	1.7	OUT	74S32	74S32W	IOR	B5
				-2.0(0.5)/20.0(-1.0)							
IOB33	3D18-03(05) 3D13-06(09)	i	TI	-2.0	0.5		D0A	25S09	25S09	IRFG	B7
			TO	20.0	-1.0	1.1	OUT	74S32	74S32W	IOR	B5
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR			20-FEB-80 2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
IOB34	3D17-14(18) 3D13-08(11)	i	TI	-2.0	0.5		D3A	25S09	25S09	IREG	B5
			TO	20.0	-1.0	1.2	OUT	74S32	74S32W	IOR	B5
				-2.0(0.5)/20.0(-1.0)							
IOB35	3D17-11(13) 3D13-11(14)	i	TI	-2.0	0.5		D2A	25S09	25S09	IREG	B5
			TO	20.0	-1.0	1.7	OUT	74S32	74S32W	IOR	B5
				-2.0(0.5)/20.0(-1.0)							
IOB36	3D17-06(08) 3D10-03(06)	i	TI	-2.0	0.5		D1A	25S09	25S09	IREG	B5
			TO	20.0	-1.0	3.3	OUT	74S32	74S32W	IOR	B4
				-2.0(0.5)/20.0(-1.0)							
IOB37	3D17-03(05) 3D10-06(09)	i	TI	-2.0	0.5		D0A	25S09	25S09	IREG	B5
			TO	20.0	-1.0	2.8	OUT	74S32	74S32W	IOR	B4
				-2.0(0.5)/20.0(-1.0)							
IOB38	3D16-14(18) 3D10-08(11)	i	TI	-2.0	0.5		D3A	25S09	25S09	IREG	B4
			TO	20.0	-1.0	3.1	OUT	74S32	74S32W	IOR	B4
				-2.0(0.5)/20.0(-1.0)							
IOB39	3D16-11(13) 3D10-11(14)	i	TI	-2.0	0.5		D2A	25S09	25S09	IREG	B4
			TO	20.0	-1.0	3.5	OUT	74S32	74S32W	IOR	B4
				-2.0(0.5)/20.0(-1.0)							
IOB4	3C08-03(08) 3C03-14(16)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D6
			TI	-2.0	0.5	1.7	D3A	25S09	25S09	IREG	D7
				-2.0(0.5)/20.0(-1.0)							
IOB40	3D16-06(08) 3D09-03(06)	i	TI	-2.0	0.5		D1A	25S09	25S09	IREG	B4
			TO	20.0	-1.0	3.3	OUT	74S32	74S32W	IOR	B2
				-2.0(0.5)/20.0(-1.0)							
IOB41	3D16-03(05) 3D09-06(09)	i	TI	-2.0	0.5		D0A	25S09	25S09	IREG	B4
			TO	20.0	-1.0	2.8	OUT	74S32	74S32W	IOR	B2
				-2.0(0.5)/20.0(-1.0)							
IOB42	3D09-08(11) 3D07-14(16)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B2
			TI	-2.0	0.5	1.6	D3A	25S09	25S09	IREG	B3
				-2.0(0.5)/20.0(-1.0)							
IOB43	3D09-11(14) 3D07-11(13)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B2
			TI	-2.0	0.5	1.5	D2A	25S09	25S09	IREG	B3
				-2.0(0.5)/20.0(-1.0)							
IOB44	3D08-03(08) 3D07-06(08)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B1
			TI	-2.0	0.5	1.0	D1A	25S09	25S09	IREG	B3
				-2.0(0.5)/20.0(-1.0)							
IOB45	3D08-06(09) 3D07-03(05)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B1
			TI	-2.0	0.5	1.1	D0A	25S09	25S09	IREG	B3
				-2.0(0.5)/20.0(-1.0)							
IOB46	3D08-08(11) 3D06-14(16)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B1
			TI	-2.0	0.5	1.6	D3A	25S09	25S09	IREG	B2
				-2.0(0.5)/20.0(-1.0)							
IOB47	3D08-11(14) 3D06-11(13)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	B1
			TI	-2.0	0.5	1.5	D2A	25S09	25S09	IREG	B2
				-2.0(0.5)/20.0(-1.0)							
IOB5	3C08-06(09) 3C03-11(13)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D6
			TI	-2.0	0.5	1.7	D2A	25S09	25S09	IREG	D7
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2103						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IOB6	3C08-08(11)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D6
	3C03-06(08)		TI	-2.0	0.5	1.8	D1A	25S09	25S09	IREG	D7
				-2.0(0.5)/20.0(-1.0)							
IOB7	3C08-11(14)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D6
	3C03-03(05)		TI	-2.0	0.5	1.8	D0A	25S09	25S09	IREG	D7
				-2.0(0.5)/20.0(-1.0)							
IOB8	3C07-03(08)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D5
	3C02-14(16)		TI	-2.0	0.5	1.7	D3A	25S09	25S09	IREG	D5
				-2.0(0.5)/20.0(-1.0)							
IOB9	3C07-06(09)	i	TO	20.0	-1.0		OUT	74S32	74S32W	IOR	D6
	3C02-11(13)		TI	-2.0	0.5	1.7	D2A	25S09	25S09	IREG	D5
				-2.0(0.5)/20.0(-1.0)							
IPAR0	3F72-11(13)	i	TI	-0.80	0.2		I	93S48	93S48	IPAR	C8
	3E04-09(11)		TO	20.0	-1.0	6.0	E	93S48	93S48	IPAR	C6
				-0.80(0.2)/20.0(-1.0)							
IPAR1	3F24-09(11)	i	TO	20.0	-1.0		E	93S48	93S48	IPAR	C4
	3F22-12(14)		TI	-0.80	0.2	1.5	I	93S48	93S48	IPAR	C8
				-0.80(0.2)/20.0(-1.0)							
IPAR2	3F22-13(15)	i	TI	-0.80	0.2		I	93S48	93S48	IPAR	C8
	3E21-09(11)		TO	20.0	-1.0	2.7	E	93S48	93S48	IPAR	C3
				-0.80(0.2)/20.0(-1.0)							
IPAR3	3F72-14(16)	i	TI	-0.80	0.2		I	93S48	93S48	IPAR	C8
	3E02-09(11)		TO	20.0	-1.0	5.2	E	93S48	93S48	IPAR	C1
				-0.80(0.2)/20.0(-1.0)							
IPARITY	4F03-05(08)	i	TI	-2.0	0.5		IN	74S32	74S32	IPAR	D7
	3F22-09(11)		TO	20.0	-1.0	5.4	E	93S48	93S48	IPAR	C8
				-2.0(0.5)/20.0(-1.0)							
IPAROK	4FJ1-20	i	TO	20.0	-1.0	2.3	CON			BB	
	4I03-06(09)			0.0/20.0	OUT	74S32	CPINS	BB	IPAR	D7	
IPC0	4F14-03(05)	i	TI	-2.0	0.5		D0A	25S09	25S09	SPCW	D8
	4F02-13(15)		TI	-2.0	0.5	3.0	D3	74S153	74S153	NPC	C7
	3F29-04(06)		TO	20.0	-1.0	3.4	S0	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)			7.9				
IPC1	4F14-06(08)	i	TI	-2.0	0.5		D1A	25S09	25S09	SPCW	D8
	4F02-03(05)		TI	-2.0	0.5	3.5	D3	74S153	74S153	NPC	C7
	3F79-01(03)		TO	20.0	-1.0	3.7	S1	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)			8.7				
IPC10	4F12-11(13)	i	TI	-2.0	0.5		D2A	25S09	25S09	SPCW	D4
	4F02-13(15)		TI	-2.0	0.5	2.8	D3	74S153	74S153	NPC	C2
	3F27-13(15)		TO	20.0	-1.0	3.0	S2	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)			7.3				
IPC11	4F12-14(16)	i	TI	-2.0	0.5		D3A	25S09	25S09	SPCW	D4
	4F02-03(05)		TI	-2.0	0.5	2.7	D3	74S153	74S153	NPC	C2
	3F27-10(12)		TO	20.0	-1.0	2.7	S3	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)			6.9				
IPC12	4F11-03(05)	i	TI	-2.0	0.5		D0A	25S09	25S09	SPCW	D3
	4F01-13(15)		TI	-2.0	0.5	2.6	D3	74S153	74S153	NPC	C1
	3F26-04(06)		TO	20.0	-1.0	3.1	S0	74S283	74S283	NPC	D4
				-4.0(0.10)/20.0(-1.0)			7.2				

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2103						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IPC13	4F11-06(08)	\	TI	-2.0	0.5		D1A	25S09	25S09	SPCW	D3
	4F01-03(05)	.1	TI	-2.0	0.5	2.9	D3	74S153	74S153	NPC	C1
	3F26-01(03)	i	TO	20.0	-1.0	3.2	S1	74S283	74S283	NPC	D4
				-4.0(0.10)/20.0(-1.0)							7.6
IPC2	4F14-11(13)	\	TI	-2.0	0.5		D2A	25S09	25S09	SPCW	D8
	4F01-13(15)	.1	TI	-2.0	0.5	3.1	D3	74S153	74S153	NPC	C8
	3F29-13(15)	i	TO	20.0	-1.0	3.3	S2	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)							7.9
IPC3	4F14-14(16)	\	TI	-2.0	0.5		D3A	25S09	25S09	SPCW	D8
	4F01-03(05)	.1	TI	-2.0	0.5	3.1	D3	74S153	74S153	NPC	C8
	3F29-10(12)	i	TO	20.0	-1.0	3.1	S3	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)							7.7
IPC4	4F13-03(05)	\	TI	-2.0	0.5		D0A	25S09	25S09	SPCW	D6
	4F05-13(15)	.1	TI	-2.0	0.5	2.7	D3	74S153	74S153	NPC	C5
	3F28-04(06)	i	TO	20.0	-1.0	3.1	S0	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)							7.3
IPC5	4F13-06(08)	\	TI	-2.0	0.5		D1A	25S09	25S09	SPCW	D6
	4F05-03(05)	.1	TI	-2.0	0.5	3.1	D3	74S153	74S153	NPC	C5
	3F28-01(03)	i	TO	20.0	-1.0	3.4	S1	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)							8.0
IPC6	4F13-11(13)	\	TI	-2.0	0.5		D2A	25S09	25S09	SPCW	D6
	4F04-13(15)	.1	TI	-2.0	0.5	2.9	D3	74S153	74S153	NPC	C4
	3F28-13(15)	i	TO	20.0	-1.0	3.1	S2	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)							7.5
IPC7	4F13-14(16)	\	TI	-2.0	0.5		D3A	25S09	25S09	SPCW	D6
	4F04-03(05)	.1	TI	-2.0	0.5	2.8	D3	74S153	74S153	NPC	C4
	3F28-10(12)	i	TO	20.0	-1.0	2.8	S3	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)							7.1
IPC8	4F12-03(05)	\	TI	-2.0	0.6		D0A	25S09	25S09	SPCW	D4
	4F03-13(15)	.1	TI	-2.0	0.5	2.6	D3	74S153	74S153	NPC	C3
	3F27-04(06)	i	TO	20.0	-1.0	3.1	S0	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)							7.2
IPC9	4F12-06(08)	\	TI	-2.0	0.5		D1A	25S09	25S09	SPCW	D4
	4F03-03(05)	.1	TI	-2.0	0.5	3.0	D3	74S153	74S153	NPC	C3
	3F27-01(03)	i	TO	20.0	-1.0	3.3	S1	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)							7.8
-IPOPJ	3F07-06(09)	\	TO	20.0	-1.0			74S00	74S00	CONTRL	B3
	3D21-04(07)	i	TI5	-2.0	0.5	4.3		74S08	74S080	CONTRL	C3
				-2.0(0.5)/20.0(-1.0)							
IRO	2C11-13(16)	\	TI	-2.0	0.5			74S04	74S04A	ALUC4	B4
	3C04-15(17)	.1	TO	20.0	-1.0	6.4	Q3	25S09	25S09	IRRG	D8
	3E14-10(13)	i	TI5	-2.0	0.5	6.4		74S08	74S08	IRRG	D5
	3F04-11(13)	.1	TI	-0.80	0.2	2.6	I	93S48	93S48	IPAR	C6
	3E01-17	i	TI	-0.20	0.2	2.0	IN5	74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)							21.9
-IRO	2E19-06(09)	\	TI	-2.0	0.5			74S02	74S020	SMCTL	B2
	2D20-08(11)	.1	TI	-2.0	0.5	3.4		74S02	74S020	SMCIL	D2
	2C11-12(15)	.1	TO	20.0	-1.0	2.1		74S04	74S04A	ALUC4	B4
	2R19-12(15)	i	TI	-1.60	0.4	4.8		7428	7428	QCTL	D2
					-5.60(0.14)/20.0(-1.0)						

CADR PROCESSOR		CADRWD:CADRA WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
IR1	2C11-11(14)	\	TI	-2.0	0.5				74S04	74S04A	ALUC4	B4
	3C04-10(12)	.1	TO	20.0	-1.0	6.7	Q2		25S09	25S09	I REG	D8
	3F14-04(07)	.1	TIS	-2.0	0.5	5.9			74S08	74S08	FLAG	C5
	3E04-12(14)	.1	TI	-0.80	0.2	2.7	I		93S48	93S48	IPAR	C6
	3E01-15	.1	TI	-0.20	0.2	2.0	IN6		74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			21.8					
-IR1	2E19-08(11)	.	TI	-2.0	0.5				74S02	74S020	SMCTL	B2
	2D20-11(14)	.1	TI	-2.0	0.5	3.7			74S02	74S020	SMCTL	D2
	2C11-10(13)	.1	TO	20.0	-1.0	1.7			74S04	74S04A	ALUC4	B4
	2B19-09(12)	.1	TI	-1.60	0.4	4.8			7428	7428	QCTL	D2
				-5.60(0.14)/20.0(-1.0)			13.2					
IR10	3E11-01(04)	\	TIS	-2.0	0.5				74S00	74S00	LCC	A6
	3E03-13	.1	TI	-0.20	0.2	2.4	IN7		74LS244	74LS244	SPY1	B7
	3F04-06(08)	.1	TI	-0.80	0.2	1.2	I		93S48	93S48	IPAR	C6
	3D05-14(16)	.1	TI	-2.0	0.5	3.4	2A		74S139	74S139	SOURCE	C1
	3C02-07(09)	.1	TO	20.0	-1.0	2.0	Q1		25S09	25S09	I REG	D5
				-5.0(0.14)/20.0(-1.0)			13.5					
IR11	3E11-02(05)	\	TIS	-2.0	0.5				74S00	74S00	LCC	A6
	3F03-11	.1	TI	-0.20	0.2	2.3	IN8		74LS244	74LS244	SPY1	B7
	3E04-07(09)	.1	TI	-0.80	0.2	1.3	I		93S48	93S48	IPAR	C6
	3D05-13(15)	.1	TI	-2.0	0.5	3.4	2B		74S139	74S139	SOURCE	C1
	3C02-02(04)	.1	TO	20.0	-1.0	2.0	Q0		25S09	25S09	I REG	D5
				-5.0(0.14)/20.0(-1.0)			13.5					
IR12	4E02-11(13)	\	TI	-2.0	0.5				74S153	74S153	NPC	C7
	3F24-11(13)	.1	TI	-0.80	0.2	4.5	I		93S48	93S48	IPAR	C4
	3E03-08	.1	TI	-0.20	0.2	6.5	IN4		74LS244	74LS244	SPY1	B7
	3C01-15(17)	.1	TO	20.0	-1.0	4.6	Q3		25S09	25S09	I REG	D4
	2D20-06(09)	.1	TI	-2.0	0.5	4.8			74S02	74S02	SMCTL	D1
	2D26-09(12)	.1	TI	-2.0	0.5	3.6			74S04	74S04A	MSKG4	D8
	2F25-02	.1	TI	-0.40	0.5	4.0	IN1		74S241	74S241	DRAM0	D3
					-7.40(0.24)/20.0(-1.0)			34.5				
-IR12	2D26-08(11)	\	TO	20.0	-1.0				74S04	74S04A	MSKG4	D8
	2D21-05(08)	.1	TI	-1.60	0.4	1.8			7428	7428	ALUC4	C2
	2D21-12(15)	.1	TI	-1.60	0.4	.8			7428	7428	ALUC4	D2
				-3.20(0.8)/20.0(-1.0)			4.1					
IR12B	2F24-01(04)	.	TIS	-2.0	0.5				74S64	74S64	DRAM0	D1
	2F25-18	.1	TO1	64.0	-15.0	.7	OUT1		74S241	74S241	DRAM0	D3
	2F05-01(04)	.1	TIS	-2.0	0.5	4.8			74S64	74S64	DRAM1	D1
	2F01-01(04)	.1	TIS	-2.0	0.5	2.4			74S64	74S64	DRAM2	D1
				-6.0(0.15)/64.0(-15.0)			10.9					
IR13	4F02-05(07)	\	TI	-2.0	0.5				74S153	74S153	NPC	C7
	3F24-12(14)	.1	TI	-0.80	0.2	4.7	I		93S48	93S48	IPAR	C4
	3E03-06	.1	TI	-0.20	0.2	5.6	IN3		74LS244	74LS244	SPY1	B7
	3C01-10(12)	.1	TO	20.0	-1.0	4.6	Q2		25S09	25S09	I REG	D4
	2D20-03(06)	.1	TI	-2.0	0.5	5.6			74S02	74S02	SMCTL	B1
	2D26-05(08)	.1	TI	-2.0	0.5	3.6			74S04	74S04A	MSKG4	D8
	2F25-04	.1	TI	-0.40	0.5	4.2	IN2		74S241	74S241	DRAM0	D3
				-7.40(0.24)/20.0(-1.0)			35.8					
-IR13	2D26-06(09)	\	TO	20.0	-1.0				74S04	74S04A	MSKG4	D8
	2D21-09(12)	.1	TI	-1.60	0.4	1.6			7428	7428	ALUC4	C2
	2D21-02(05)	.1	TI	-1.60	0.4	.9			7428	7428	ALUC4	C2
				-3.20(0.8)/20.0(-1.0)			4.0					

CADR PROC FESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
IR13B	3F10-09(12)	.	TIS	-2.0	0.5				74S51	74S51	DRAM0	B3
	2F25-16	i.	TOI	64.0	-15.0	5.6	OUT2		74S241	74S241	DRAM0	D3
	2F20-09(12)	.i	TIS	-2.0	0.5	1.1			74S51	74S51	DRAM1	B3
	1F30-09(12)	i	TIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	B3
				-6.0(0.15)/64.0(-15.0)			16.0					
IR14	3B26-03(05)	.	TI	-2.0	0.5		ID		74S174	74S174	ACTL	B4
	3C01-07(09)	i.	TO	20.0	-1.0	6.2	Q1		25S09	25S09	IRFG	D4
	2F25-08	.i	TI	-0.40	0.5	7.7	IN3		74S241	74S241	DRAM0	D3
	3F03-04	i.	TI	-0.20	0.2	4.3	IN2		74LS244	74LS244	SPY1	B7
	3F24-13(15)	.i	TI	-0.80	0.2	5.7	I		93S48	93S48	IPAR	C4
	4E01-11(13)	i	TI	-2.0	0.5	4.5	D1		74S153	74S153	NPC	C6
				-5.40(0.19)/20.0(-1.0)			34.4					
IR14B	3F05-09(12)	.	TIS	-2.0	0.5				74S51	74S51	DRAM0	A3
	2F25-14	i.	TOI	64.0	-15.0	4.3	OUT3		74S241	74S241	DRAM0	D3
	2F15-09(12)	.i	TIS	-2.0	0.5	2.4			74S51	74S51	DRAM1	A3
	1F25-09(12)	i	TIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A3
				-6.0(0.15)/64.0(-16.0)			16.0					
IR15	3B26-04(06)	.	TI	-2.0	0.5		2D		74S174	74S174	ACTL	B4
	3C01-02(04)	i.	TO	20.0	-1.0	6.8	Q0		25S09	25S09	IRFG	D4
	3F03-02	.i	TI	-0.20	0.2	4.9	IN1		74LS244	74LS244	SPY1	B7
	2F25-08	i.	TI	-0.40	0.5	4.0	IN4		74S241	74S241	DRAM0	D3
	3F24-14(16)	.i	TI	-0.80	0.2	8.3	I		93S48	93S48	IPAR	C4
	4E01-05(07)	i	TI	-2.0	0.5	4.6	D1		74S153	74S153	NPC	C6
				-5.40(0.19)/20.0(-1.0)			34.6					
IR15B	1F20-09(12)	.	TIS	-2.0	0.5				74S51	74S51	DRAM2	A3
	2F10-09(12)	i.	TIS	-2.0	0.5	6.3			74S51	74S51	DRAM1	A3
	2F25-12	.i	TOI	64.0	-15.0	3.7	OUT4		74S241	74S241	DRAM0	D3
	2F30-09(12)	i	TIS	-2.0	0.5	1.5			74S51	74S51	DRAM0	A3
				-6.0(0.15)/64.0(-15.0)			14.5					
IR16	3B26-06(08)	.	TI	-2.0	0.5		3D		74S174	74S174	ACTL	B4
	3C19-15(17)	i.	TO	20.0	-1.0	3.5	Q3		25S09	25S09	IRFG	D3
	4F05-11(13)	.i	TI	-2.0	0.5	9.9	D1		74S153	74S153	NPC	C5
	3F24-15(17)	i.	TI	-0.80	0.2	4.6	I		93S48	93S48	IPAR	C4
	3F25-17	.i	TI	-0.20	0.2	.9	IN5		74LS244	74LS244	SPY1	B6
	2F25-11	i	TI	-0.40	0.5	7.9	IN8		74S241	74S241	DRAM0	D3
				-5.40(0.19)/20.0(-1.0)			32.8					
IR16B	3F10-07(05)	.	TIS	-2.0	0.5				74S51	74S51	DRAM0	B2
	2F25-09	i.	TOI	64.0	-15.0	4.8	OUT8		74S241	74S241	DRAM0	D3
	2F20-07(05)	.i	TIS	-2.0	0.5	1.9			74S51	74S51	DRAM1	B2
	1F30-02(05)	i	TIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	B2
				-6.0(0.15)/64.0(-15.0)			16.0					
IR17	2F25-13	.	TI	-0.40	0.5		IN7		74S241	74S241	DRAM0	D3
	3F24-01(03)	i.	TI	-0.80	0.2	8.1	I		93S48	93S48	IPAR	C4
	3F25-15	.i	TI	-0.20	0.2	.8	IN6		74LS244	74LS244	SPY1	B5
	4F05-05(07)	i.	TI	-2.0	0.5	4.3	D1		74S153	74S153	NPC	C5
	3C19-10(12)	.i	TO	20.0	-1.0	9.3	Q2		25S09	25S09	IRFG	D3
	3B26-11(13)	i	TI	-2.0	0.5	2.9	4D		74S174	74S174	ACTL	B4
				-5.40(0.19)/20.0(-1.0)			31.4					
IR17B	3F05-02(05)	.	TIS	-2.0	0.5				74S51	74S51	DRAM0	A2
	2F25-07	i.	TOI	64.0	-15.0	3.9	OUT7		74S241	74S241	DRAM0	D3
	2F15-02(05)	.i	TIS	-2.0	0.5	2.8			74S51	74S51	DRAM1	A2
	1F25-02(05)	i	TIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A2
				-6.0(0.15)/64.0(-15.0)			16.0					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
IR18	3B28-13(15)	\	TI	-2.0	0.5		D3B	26S09	25S09	ACTL	B2
	3B28-14(16)	.1	TI	-2.0	0.5	BARE	D3A	25S09	25S09	ACTL	B2
	3C19-07(09)	.1	IO	20.0	-1.0	3.1	O1	25S09	25S09	I REG	D3
	4F04-11(13)	.1	TI	-2.0	0.5	10.3	D1	74S153	74S153	NPC	C4
	3F25-13	.1	TI	-0.20	0.2	4.2	IN7	74LS244	74LS244	SPY1	B6
	3F24-02(04)	.1	TI	-0.80	0.2	.9	I	93S48	93S48	IPAR	C4
	2F25-15	.1	TI	-0.40	0.5	8.4	IN6	74S241	74S241	DRAM0	D3
				-7.40(0.24)/20.0(-1.0)		34.5					
IR18B	1F20-02(05)	.	TIS	-2.0	0.5			74S51	74S51	DRAM2	A2
	2F10-02(05)	.1	TIS	-2.0	0.5	6.3		74S51	74S51	DRAM1	A2
	2F25-05	.1	TOT	64.0	-15.0	3.7	OUT6	74S241	74S241	DRAM0	D3
	2F30-02(05)	.1	TIS	-2.0	0.5	1.5		74S51	74S51	DRAM0	A2
				-6.0(0.15)/64.0(-15.0)		14.5					
IR19	4F04-05(07)	\	TI	-2.0	0.5		D1	74S153	74S153	NPC	C4
	3F25-11	.1	TI	-0.20	0.2	3.9	IN8	74LS244	74LS244	SPY1	B5
	3F24-03(05)	.1	TI	-0.80	0.2	1.0	I	93S48	93S48	IPAR	C4
	2F25-17	.1	TI	-0.40	0.5	8.9	IN5	74S241	74S241	DRAM0	D3
	3D04-14(18)	.1	TI	-2.0	0.5	6.6	2A	74S139	74S139	VC112	C7
	3D11-01(03)	.1	TI	-2.0	0.5	2.8	A	74S138	74S138	SOURCE	D3
	3D12-01(03)	.1	TI	-2.0	0.5	.9	A	74S139	74S138	SOURCE	D5
	3C19-02(04)	.1	IO	20.0	-1.0	4.3	O0	25S09	25S09	I REG	D3
	3B28-11(13)	.1	TI	-2.0	0.5	3.7	D2A	25S09	25S09	ACTL	B2
					-11.40(0.34)/20.0(-1.0)		42.6				
IR19B	2F21-13(16)	.	TI	-2.0	0.5			74S04	74S04A	DRAM0	C3
	2F25-03	.1	TOT	64.0	-15.0	2.8	OUT5	74S241	74S241	DRAM0	D3
	2F04-13(16)	.1	TI	-2.0	0.5	4.7		74S04	74S04A	DRAM1	C3
	2F02-13(16)	.1	TI	-2.0	0.5	1.4		74S04	74S04A	DRAM2	D3
				-6.0(0.15)/64.0(-15.0)		11.9					
IR2	2C11-09(12)	\	TI	-2.0	0.5			74S04	74S04A	ALUC4	B4
	3C04-07(09)	.1	IO	20.0	-1.0	6.6	Q1	25S09	25S09	I REG	D8
	3F14-01(04)	.1	TIS	-2.0	0.5	6.1		74S08	74S08	FLAG	C5
	3F04-13(15)	.1	TI	-0.80	0.2	2.5	I	93S48	93S48	IPAR	C6
	3E01-13	.1	TI	-0.20	0.2	2.0	IN7	74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)		21.7					
-IR2	2E14-12(15)	\	TI	-2.0	0.5			74S02	74S020	SMC1L	C4
	2E14-08(11)	.1	TI	-2.0	0.5	.8		74S02	74S020	SMC1L	C2
	2E19-11(14)	.1	TI	-2.0	0.5	1.2		74S02	74S020	SMC1L	A2
	2C11-08(11)	.1	IO	20.0	-1.0	4.4		74S04	74S04A	ALUC4	B4
	2B18-10(12)	.1	TI	-2.0	0.5	4.3	D0	74S153	74S153	ALUC4	D6
					-8.0(0.20)/20.0(-1.0)		15.2				
IR20	4F03-11(13)	\	TI	-2.0	0.5		D1	74S153	74S153	NPC	C3
	3F25-08	.1	TI	-0.20	0.2	4.4	IN4	74LS244	74LS244	SPY1	B5
	3F24-04(06)	.1	TI	-0.80	0.2	1.0	I	93S48	93S48	IPAR	C4
	2F23-02	.1	TI	-0.40	0.5	9.2	IN1	74S241	74S241	DRAM1	D3
	3D04-13(15)	.1	TI	-2.0	0.5	7.4	2B	74S139	74S139	VC112	C7
	3D11-02(04)	.1	TI	-2.0	0.5	2.8	B	74S138	74S138	SOURCE	D3
	3D12-02(04)	.1	TI	-2.0	0.5	.9	B	74S138	74S138	SOURCE	D5
	3C17-15(17)	.1	IO	20.0	-1.0	3.1	O3	25S09	25S09	I REG	D2
	3B28-06(08)	.1	TI	-2.0	0.5	4.8	D1A	25S09	25S09	ACTL	B2
					-11.40(0.34)/20.0(-1.0)		44.1				
IR20B	2F21-11(14)	.	TI	-2.0	0.5			74S04	74S04A	DRAM0	C3
	2F23-18	.1	TOT	64.0	-15.0	1.5	OUT1	74S241	74S241	DRAM1	D3
	2F04-11(14)	.1	TI	-2.0	0.5	4.5		74S04	74S04A	DRAM1	C3
	2F02-11(14)	.1	TI	-2.0	0.5	1.4		74S04	74S04A	DRAM2	D3
				-6.0(0.15)/64.0(-15.0)		10.4					

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
IR21	4F03-05(07)	.	TI	-2.0	0.5		D1	74S153	74S153	NPC	C3	
	3F24-05(07)	.i	TI	-0.80	0.2	4.2	I	93S48	93S48	IPAR	C4	
	3F25-06	.i	TI	-0.20	0.2	1.0	IN3	74LS244	74LS244	SPY1	B5	
	2F23-04	.i	TI	-0.40	0.5	9.1	IN2	74S241	74S241	DRAM1	D3	
	3D11-03(05)	.i	TI	-2.0	0.5	7.9	C	74S138	74S138	SOURCE	D3	
	3D12-03(05)	.i	TI	-2.0	0.5	.9	C	74S138	74S138	SOURCE	D5	
	3C17-10(12)	.i	IO	20.0	-1.0	3.3	Q2	25S09	25S09	IREF	D2	
	3B28-03(05)	.i	TI	-2.0	0.5	4.4	D0A	25S09	25S09	ACTL	B2	
				-9.40(0.29)/20.0(-1.0)		39.8						
IR21B	2F21-09(12)	.	TI	-2.0	0.5			74S04	74S04A	DRAM0	C3	
	2F23-16	.i	TOI	64.0	-15.0	1.5	OUT2	74S241	74S241	DRAM1	D3	
	2F04-09(12)	.i	TI	-2.0	0.5	4.5		74S04	74S04A	DRAM1	C3	
	2F02-09(12)	.i	TI	-2.0	0.5	1.4		74S04	74S04A	DRAM2	D3	
				-6.0(0.15)/64.0(-15.0)		10.4						
IR22	4F02-11(13)	.i	TI	-2.0	0.5		D1	74S153	74S153	NPC	C2	
	3F24-05(08)	.i	TI	-0.80	0.2	4.4	I	93S48	93S48	IPAR	C4	
	3F25-04	.i	TI	-0.20	0.2	1.1	IN2	74LS244	74LS244	SPY1	B5	
	3F09-09(12)	.i	TI	-2.0	0.5	3.8	IN	74S32	74S320	SOURCE	C7	
	2F23-06	.i	TI	-0.40	0.5	6.3	IN3	74S241	74S241	DRAM1	D3	
	3D03-01(04)	.i	TI	-2.0	0.5	6.9		74S04	74S04A	SOURCE	B7	
	3D11-04(06)	.i	TI	-2.0	0.5	3.0	G2A	74S138	74S138	SOURCE	D3	
	3C17-07(09)	.i	IO	20.0	-1.0	3.9	Q1	25S09	25S09	IREF	D2	
	3B29-14(16)	.i	TI	-2.0	0.5	4.3	D3A	25S09	25S09	ACTL	B1	
					-11.40(0.34)/20.0(-1.0)		44.2					
-IR22	3F09-05(08)	.i	TI	-2.0	0.5		IN	74S32	74S320	SOURCE	C7	
	3D12-04(06)	.i	TI	-2.0	0.5	2.4	G2A	74S138	74S138	SOURCE	D5	
	3D03-02(05)	.i	IO	20.0	-1.0	2.8		74S04	74S04A	SOURCE	B7	
				-4.0(0.10)/20.0(-1.0)		6.7						
IR22B	2F21-05(08)	.i	TI	-2.0	0.5			74S04	74S04A	DRAM0	C3	
	2F23-14	.i	TOI	64.0	-15.0	1.2	OUT3	74S241	74S241	DRAM1	D3	
	2F02-05(08)	.i	TI	-2.0	0.5	4.8		74S04	74S04A	DRAM2	D3	
				-4.0(0.10)/64.0(-15.0)		7.5						
IR23	4F02-05(07)	.	TI	-2.0	0.5		D1	74S153	74S153	NPC	C2	
	3F24-07(09)	.i	TI	-0.80	0.2	4.1	I	93S48	93S48	IPAR	C4	
	3F25-02	.i	TI	-0.20	0.2	1.3	IN1	74LS244	74LS244	SPY1	B5	
	3D02-09(12)	.i	TIS	-2.0	0.5	5.6		74S00	74S00	SOURCE	C8	
	3D11-05(07)	.i	TI	-2.0	0.5	2.5	G2B	74S138	74S138	SOURCE	D3	
	3D12-05(07)	.i	TI	-2.0	0.5	.9	G2B	74S138	74S138	SOURCE	D5	
	3C17-02(04)	.i	IO	20.0	-1.0	3.3	Q0	25S09	25S09	IREF	D2	
	3B29-11(13)	.i	TI	-2.0	0.5	4.7	D2A	25S09	25S09	ACTL	B1	
					-11.0(0.29)/20.0(-1.0)		31.4					
IR24	4D09-12(15)	.i	TIS	-2.0	0.5			74S08	74S08	ICC	D1	
	3D20-15(17)	.i	IO	20.0	-1.0	6.6	Q3	25S09	25S09	IREF	D1	
	3F21-11(13)	.i	TI	-0.80	0.2	5.4	I	93S48	93S48	IPAR	C3	
	3F23-17	.i	TI	-0.20	0.2	2.2	IN5	74LS244	74LS244	SPY1	B4	
	4F01-11(13)	.i	TI	-2.0	0.5	4.7	D1	74S153	74S153	NPC	C1	
				-5.0(0.14)/20.0(-1.0)		23.4						
IR25	4D06-02(05)	.	TIS	-2.0	0.5			74S08	74S08	ICC	D1	
	4F01-05(07)	.i	TI	-2.0	0.5	5.9	D1	74S153	74S153	NPC	C1	
	3F23-15	.i	TI	-0.20	0.2	4.3	IN6	74LS244	74LS244	SPY1	B4	
	3E21-17(14)	.i	TI	-0.80	0.2	2.2	I	93S48	93S48	IPAR	C3	
	3D20-10(12)	.i	IO	20.0	-1.0	5.2	Q2	25S09	25S09	IREF	D1	
	3D03-03(06)	.i	TI	-2.0	0.5	4.1		74S04	74S04A	SOURCE	B7	
				-7.0(0.19)/20.0(-1.0)		27.7						

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80		2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PLN#)											
-IR25	3D21-12(15)	.	TIS	-2.0	0.5				74S08	74S08	SOURCE	D8
	3D03-04(07)	i	TO	20.0	-1.0	4.9			74S04	74S04A	SOURCE	B7
				-2.0(0.5)/20.0(-1.0)								
IR26	4A18-03(05)	.	TI	-2.0	0.5		IN1		74S258	74S258	MCTL	D4
	4B19-03(05)	i	TI	-2.0	0.5	2.6	IN1		74S258	74S258	MCTL	D1
	4B18-01(03)	.i	TI	-2.0	0.5	1.0	A0		93S46	93S46	MCTL	B1
	3D19-15(17)	.i	TO	20.0	-1.0	10.2	Q3		25S09	25S09	IRFG	B8
	3D23-01(03)	.i	TI	-2.0	0.5	1.5	A		74S138	74S138	SOURCE	B5
	3D22-01(03)	.i	TI	-2.0	0.5	.9	A		74S138	74S138	SOURCE	R3
	3F21-13(15)	.i	TI	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3
	3F23-13	i	TI	-0.20	0.2	2.2	IN7		74LS244	74LS244	SPY1	B4
				-11.0(0.29)/20.0(-1.0)			31.4					
IR27	4A18-06(08)	.	TI	-2.0	0.5		IN1		74S258	74S258	MCTL	D4
	4B19-06(08)	i	TI	-2.0	0.5	2.8	IN1		74S258	74S258	MCTL	D1
	4B18-03(05)	.i	TI	-2.0	0.5	1.0	A1		93S46	93S46	MCTL	B1
	3D19-10(12)	.i	TO	20.0	-1.0	10.0	Q2		25S09	25S09	IRFG	B8
	3D23-02(04)	.i	TI	-2.0	0.5	1.1	B		74S138	74S138	SOURCE	B5
	3D22-02(04)	.i	TI	-2.0	0.5	.9	B		74S138	74S138	SOURCE	B3
	3F21-14(16)	.i	TI	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3
	3F23-11	i	TI	-0.20	0.2	2.2	IN8		74LS244	74LS244	SPY1	B4
				-11.0(0.29)/20.0(-1.0)			30.8					
IR28	4A18-10(12)	.	TI	-2.0	0.5		IN1		74S258	74S258	MCTL	D4
	4B19-10(12)	i	TI	-2.0	0.5	2.6	IN1		74S258	74S258	MCTL	D1
	4B18-05(07)	.i	TI	-2.0	0.5	.7	A2		93S46	93S46	MCTL	B1
	3D19-07(09)	.i	TO	20.0	-1.0	10.0	Q1		25S09	25S09	IRFG	B8
	3D23-03(05)	.i	TI	-2.0	0.5	1.3	C		74S138	74S138	SOURCE	B5
	3D22-03(05)	.i	TI	-2.0	0.5	.9	C		74S138	74S138	SOURCE	R3
	3F21-15(17)	.i	TI	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3
	3F23-08	i	TI	-0.20	0.2	1.9	IN4		74LS244	74LS244	SPY1	B4
				-11.0(0.29)/20.0(-1.0)			30.4					
IR29	4A18-13(15)	.	TI	-2.0	0.5		IN1		74S258	74S258	MCTL	D4
	4B19-13(15)	i	TI	-2.0	0.5	2.6	IN1		74S258	74S258	MCTL	D1
	4B18-10(12)	.i	TI	-2.0	0.5	1.0	A3		93S46	93S46	MCTL	B1
	3D19-02(04)	.i	TO	20.0	-1.0	10.5	Q0		25S09	25S09	IRFG	B8
	3D23-06(08)	.i	TI	-2.0	0.5	2.0	G1		74S138	74S138	SOURCE	B5
	3D22-05(07)	.i	TI	-2.0	0.5	1.0	G2B		74S138	74S138	SOURCE	R3
	3F21-01(03)	.i	TI	-0.80	0.2	3.7	I		93S48	93S48	IPAR	C3
	3F23-06	i	TI	-0.20	0.2	2.2	IN3		74LS244	74LS244	SPY1	B4
				-11.0(0.29)/20.0(-1.0)			32.0					
IR3	2C11-05(08)	\	TI	-2.0	0.5				74S04	74S04A	ALUC4	B4
	3C04-02(04)	.i	TO	20.0	-1.0	6.1	Q0		25S09	25S09	IRFG	D8
	3D04-02(04)	.i	TI	-2.0	0.5	3.1	1A		74S139	74S139	SOURCE	D1
	3F04-14(16)	.i	TI	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C6
	3F01-11	i	TI	-0.20	0.2	2.0	IN8		74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			19.2					
-IR3	2F05-09(12)	\	TI	-2.0	0.5				74S86	74S86	ICC	B8
	2C11-06(09)	.i	TO	20.0	-1.0	4.8			74S04	74S04A	ALUC4	B4
	2B16-06(08)	i	TI	-2.0	0.5	3.3	D0		74S163	74S163	ALUC4	D4
				-4.0(0.10)/20.0(-1.0)			9.6					
IR30	4A16-03(05)	.	TI	-2.0	0.5		IN1		74S258	74S258	MCTL	D2
	4A16-13(15)	.i	TI	-2.0	0.5	.8	IN1		74S258	74S258	MCTL	D2
	4B18-12(14)	.i	TI	-2.0	0.5	2.2	A4		93S46	93S46	MCTL	B1
	4D07-10(13)	.i	TIS	-2.0	0.5	6.7			74S51	74S51	PDICTL	D2
	4D07-03(06)	.i	TIS	-2.0	0.5	.8			74S51	74S51	PDICTL	C2
	3D18-15(17)	.i	TO	20.0	-1.0	6.6	Q3		25S09	25S09	IRFG	B7
	3F21-02(04)	.i	TI	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3
	3F23-04	i	TI	-0.20	0.2	2.1	IN2		74LS244	74LS244	SPY1	B4
				-11.0(0.29)/20.0(-1.0)			32.2					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
IR31	2D76-03(08)	.	TI	-2.0	0.5				74S04	74S04A	MSKG4	D8
	3D18-10(12)	.1	TO	20.0	-1.0	6.7	Q2		25S09	25S09	IRFG	B7
	3E21-03(05)	.1	TI	-0.80	0.2	3.9	I		93S48	93S48	IPAR	C3
	3F23-02	.1	TI	-0.20	0.2	2.2	IN1		74LS244	74LS244	SPY1	B4
				-3.0(0.9)/20.0(-1.0)		15.8						
-IR31	4B14-04(07)	.	TIS	-2.0	0.5				74S10	74S10	MCIL	A4
	4B14-13(16)	.1	TIS	-2.0	0.5	.8			74S10	74S10	MCIL	A4
	4B11-13(10)	.1	TIS	-2.0	0.5	1.9			74S11	74S11	MCIL	A4
	4B11-10(13)	.1	TIS	-2.0	0.5	.7			74S11	74S11	MCIL	B4
	4D08-12(15)	.1	TIS	-2.0	0.5	6.0			74S00	74S00	MF	D3
	3D22-04(06)	.1	TI	-2.0	0.5	6.3	G2A		74S138	74S138	SOURCE	B3
	3D23-04(06)	.1	TI	-2.0	0.5	.9	G2A		74S138	74S138	SOURCE	B5
	2D26-04(07)	.1	TO	20.0	-1.0	7.4			74S04	74S04A	MSKG4	D8
				-14.0(0.35)/20.0(-1.0)		31.0				OVERLOADED	2	
IR32	3F21-17	.1	TI	-0.20	0.2		IN5		74LS244	74LS244	SPY1	B2
	3E21-04(06)	.1	TI	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D18-07(09)	.1	TO	20.0	-1.0	4.2	Q1		25S09	25S09	IRFG	B7
	3C15-03(05)	.1	TI	-2.0	0.5	4.4	D0		25S07	25S07	DSPCTL	B8
	3B71-01(03)	.1	TI	-2.0	0.5	2.6	A0		93S46	93S46	ACTIL	B5
	3A16-03(05)	.1	TI	-2.0	0.5	3.3	IN1		74S258	74S258	ACTIL	D3
	3A06-03(05)	.1	TI	-2.0	0.5	2.6	IN1		74S258	74S258	ACTIL	D6
				-9.0(0.24)/20.0(-1.0)		28.1						
IR33	3F21-15	.1	TI	-0.20	0.2		IN6		74LS244	74LS244	SPY1	B2
	3E21-05(07)	.1	TI	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D18-02(04)	.1	TO	20.0	-1.0	4.4	Q0		25S09	25S09	IRFG	B7
	3C15-04(06)	.1	TI	-2.0	0.5	4.3	D1		25S07	25S07	DSPCTL	B8
	3B21-03(05)	.1	TI	-2.0	0.5	2.7	A1		93S46	93S46	ACTIL	B5
	3A16-06(08)	.1	TI	-2.0	0.5	3.3	IN1		74S258	74S258	ACTIL	D3
	3A06-06(08)	.1	TI	-2.0	0.5	2.6	IN1		74S258	74S258	ACTIL	D6
				-9.0(0.24)/20.0(-1.0)		28.3						
IR34	3F21-13	.1	TI	-0.20	0.2		IN7		74LS244	74LS244	SPY1	B2
	3E21-06(08)	.1	TI	-0.80	0.2	3.4	I		93S48	93S48	IPAR	C3
	3D17-15(17)	.1	TO	20.0	-1.0	3.7	Q3		25S09	25S09	IRFG	B5
	3C15-06(08)	.1	TI	-2.0	0.5	5.0	D2		25S07	25S07	DSPCTL	B8
	3B71-05(07)	.1	TI	-2.0	0.5	2.7	A2		93S46	93S46	ACTIL	B5
	3A16-10(12)	.1	TI	-2.0	0.5	3.0	IN1		74S258	74S258	ACTIL	D3
	3A06-10(12)	.1	TI	-2.0	0.5	2.6	IN1		74S258	74S258	ACTIL	D6
				-9.0(0.24)/20.0(-1.0)		27.9						
IR35	3F21-11	.1	TI	-0.20	0.2		IN8		74LS244	74LS244	SPY1	B2
	3E21-07(09)	.1	TI	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D17-10(12)	.1	TO	20.0	-1.0	3.6	Q2		25S09	25S09	IRFG	B5
	3C15-11(13)	.1	TI	-2.0	0.5	4.8	D3		25S07	25S07	DSPCTL	B8
	3B71-10(12)	.1	TI	-2.0	0.5	2.9	A3		93S46	93S46	ACTIL	B5
	3A16-13(15)	.1	TI	-2.0	0.5	3.5	IN1		74S258	74S258	ACTIL	D3
	3A06-13(15)	.1	TI	-2.0	0.5	2.6	IN1		74S258	74S258	ACTIL	D6
				-9.0(0.24)/20.0(-1.0)		28.4						
IR36	3F21-08	.1	TI	-0.20	0.2		IN4		74LS244	74LS244	SPY1	B2
	3E02-11(13)	.1	TI	-0.80	0.2	5.7	I		93S48	93S48	IPAR	C1
	3D17-07(09)	.1	TO	20.0	-1.0	5.0	Q1		25S09	25S09	IRFG	B5
	3C15-13(15)	.1	TI	-2.0	0.5	4.6	D4		25S07	25S07	DSPCTL	B8
	3B21-12(14)	.1	TI	-2.0	0.5	2.9	A4		93S46	93S46	ACTIL	B5
	3A21-03(05)	.1	TI	-2.0	0.5	3.5	IN1		74S258	74S258	ACTIL	D1
	3A12-03(05)	.1	TI	-2.0	0.5	2.7	IN1		74S258	74S258	ACTIL	D5
				-9.0(0.24)/20.0(-1.0)		31.9						

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	RODY	FILE	POS
IR37	3F21-06	.1	II	-0.20	0.2		IN3	74LS244	74LS244	SPY1	B2
	3E02-12(14)	.1	II	-0.80	0.2	5.6	I	93S48	93S48	IPAR	C1
	3D17-02(04)	.1	IO	20.0	-1.0	4.7	Q0	25S09	25S09	IRFG	B5
	3C15-14(16)	.1	II	-2.0	0.5	4.5	D5	25S07	25S07	DSPCTL	B8
	3B21-14(16)	.1	II	-2.0	0.5	2.8	A5	93S46	93S46	ACTL	B5
	3A21-06(08)	.1	II	-2.0	0.5	3.5	IN1	74S258	74S258	ACTL	D1
	3A12-06(08)	.1	II	-2.0	0.5	2.7	IN1	74S258	74S258	ACTL	D5
				-9.0(0.24)/20.0(-1.0)		31.3					
IR38	3F21-04	.1	II	-0.20	0.2		IN2	74LS244	74LS244	SPY1	B2
	3E02-13(15)	.1	II	-0.80	0.2	5.6	I	93S48	93S48	IPAR	C1
	3D16-15(17)	.1	IO	20.0	-1.0	4.3	Q3	25S09	25S09	IRFG	B4
	3C14-03(05)	.1	II	-2.0	0.5	5.1	D0	25S07	25S07	DSPCTL	B6
	3B27-01(03)	.1	II	-2.0	0.5	4.0	A0	93S46	93S46	ACTL	B6
	3A21-10(12)	.1	II	-2.0	0.5	2.4	IN1	74S258	74S258	ACTL	D1
	3A12-10(12)	.1	II	-2.0	0.5	2.7	IN1	74S258	74S258	ACTL	D5
				-9.0(0.24)/20.0(-1.0)		31.6					
IR39	3F21-02	.1	II	-0.20	0.2		IN1	74LS244	74LS244	SPY1	B2
	3E02-14(16)	.1	II	-0.80	0.2	5.5	I	93S48	93S48	IPAR	C1
	3D16-10(12)	.1	IO	20.0	-1.0	4.8	Q2	25S09	25S09	IRFG	B4
	3C14-04(06)	.1	II	-2.0	0.5	5.2	D1	25S07	25S07	DSPCTL	B6
	3B27-03(05)	.1	II	-2.0	0.5	4.1	A1	93S46	93S46	ACTL	B6
	3A21-13(15)	.1	II	-2.0	0.5	2.6	IN1	74S258	74S258	ACTL	D1
	3A12-13(15)	.1	II	-2.0	0.5	2.7	IN1	74S258	74S258	ACTL	D5
				-9.0(0.24)/20.0(-1.0)		32.4					
IR4	2C11-03(06)	.1	II	-2.0	0.5			74S04	74S04A	ALUC4	B4
	3C03-15(17)	.1	IO	20.0	-1.0	6.2	Q3	25S09	25S09	IRFG	D7
	3D04-03(05)	.1	II	-2.0	0.5	2.4	IB	74S139	74S139	SOURCE	D1
	3E04-15(17)	.1	II	-0.80	0.2	3.5	I	93S48	93S48	IPAR	C6
	3E01-08	.1	II	-0.20	0.2	1.7	IN4	74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)		18.3					
-IR4	2E05-02(05)	.1	II	-2.0	0.5			74S86	74S86	LCC	A8
	2C11-04(07)	.1	IO	20.0	-1.0	4.6		74S04	74S04A	ALUC4	B4
	2B16-10(12)	.1	II	-2.0	0.5	3.2	D0	74S153	74S153	ALUC4	D4
				-4.0(0.10)/20.0(-1.0)		9.3					
IR40	3E02-15(17)	.1	II	-0.80	0.2		I	93S48	93S48	IPAR	C1
	3E06-17	.1	II	-0.20	0.2	1.7	IN5	74LS244	74LS244	SPY1	B1
	3D16-07(09)	.1	IO	20.0	-1.0	4.5	Q1	25S09	25S09	IRFG	B4
	3C14-06(08)	.1	II	-2.0	0.5	4.8	D2	25S07	25S07	DSPCTL	B6
	3B15-03(05)	.1	II	-2.0	0.5	3.7	IN1	74S258	74S258	ACTL	D4
	3B15-10(12)	.1	II	-2.0	0.5	.9	IN1	74S258	74S258	ACTL	D4
	3B27-05(07)	.1	II	-2.0	0.5	3.8	A2	93S46	93S46	ACTL	B6
				-9.0(0.24)/20.0(-1.0)		26.9					
IR41	3E02-01(03)	.1	II	-0.80	0.2		I	93S48	93S48	IPAR	C1
	3E06-15	.1	II	-0.20	0.2	2.1	IN6	74LS244	74LS244	SPY1	B1
	3D16-02(04)	.1	IO	20.0	-1.0	4.1	Q0	25S09	25S09	IRFG	B4
	3C14-11(13)	.1	II	-2.0	0.5	4.4	D3	25S07	25S07	DSPCTL	B6
	3B15-13(15)	.1	II	-2.0	0.5	3.7	IN1	74S258	74S258	ACTL	D4
	3B15-06(08)	.1	II	-2.0	0.5	.8	IN1	74S258	74S258	ACTL	D4
	3B27-10(12)	.1	II	-2.0	0.5	4.3	A3	93S46	93S46	ACTL	B6
				-9.0(0.24)/20.0(-1.0)		26.9					
IR42	3D07-15(17)	.1	IO	20.0	-1.0		Q3	25S09	25S09	IRFG	B3
	3E02-02(04)	.1	II	-0.80	0.2	3.1	I	93S48	93S48	IPAR	C1
	3E07-04(07)	.1	TIS	-2.0	0.5	1.8		74S00	74S00	CONTRL	B3
	3E06-13	.1	II	-0.20	0.2	1.3	IN7	74LS244	74LS244	SPY1	B1
				-3.0(0.0)/20.0(-1.0)		9.2					

CADR PROFESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IR43	3F06-11	.	TI	-0.20	0.2		IN8	74LS244	74LS244	SPY1	B1
	3E02-03(05)	.	TI	-0.80	0.2	2.2	I	93S48	93S48	IPAR	C1
	3D07-10(12)	.1	TO	20.0	-1.0	3.3	Q2	25S09	25S09	IREG	B3
	3D05-02(04)	.1	TI	-2.0	0.5	2.9	1A	74S139	74S139	SOURCE	B1
				-3.0(0.9)/20.0(-1.0)		11.4					
IR44	3F06-08	.	TI	-0.20	0.2		IN4	74LS244	74LS244	SPY1	B1
	3E02-04(06)	.1	TI	-0.80	0.2	1.8	I	93S48	93S48	IPAR	C1
	3D07-07(09)	.1	TO	20.0	-1.0	3.5	Q1	25S09	25S09	IREG	B3
	3D05-03(05)	.1	TI	-2.0	0.5	2.6	1B	74S139	74S139	SOURCE	B1
				-3.0(0.9)/20.0(-1.0)		10.9					
IR45	3D07-02(04)	.	TO	20.0	-1.0		Q0	25S09	25S09	IREG	B3
	3E02-05(07)	.1	TI	-0.80	0.2	3.3	I	93S48	93S48	IPAR	C1
	3F07-01(04)	.1	TIS	-2.0	0.5	1.2		74S00	74S00	FLAG	A7
	3E06-06	.1	TI	-0.20	0.2	1.0	IN3	74LS244	74LS244	SPY1	B1
				-3.0(0.9)/20.0(-1.0)		8.5					
IR46	3D06-15(17)	.	TO	20.0	-1.0		Q3	25S09	25S09	IREG	B2
	3E02-06(08)	.1	TI	-0.80	0.2	2.5	I	93S48	93S48	IPAR	C1
	3E06-04	.1	TI	-0.20	0.2	1.3	IN2	74LS244	74LS244	SPY1	B1
	3E11-13(16)	.1	TIS	-2.0	0.5	1.7		74S00	74S00	FLAG	A7
				-3.0(0.9)/20.0(-1.0)		8.5					
IR47	3F06-02	.1	TI	-0.20	0.2		IN1	74LS244	74LS244	SPY1	B1
	3E02-07(09)	.1	TI	-0.80	0.2	1.1	I	93S48	93S48	IPAR	C1
	3D06-10(12)	.1	TO	20.0	-1.0	2.6	Q2	25S09	25S09	IREG	B2
				-1.0(0.4)/20.0(-1.0)		5.2					
IR48	3F22-15(17)	.1	TI	-0.80	0.2		I	93S48	93S48	IPAR	C8
	3F16-06	.1	TI	-0.20	0.2	3.1	IN3	74LS244	74LS244	SPY2	B8
	3D06-07(09)	.1	TO	20.0	-1.0	3.8	Q1	25S09	25S09	IREG	B2
				-1.0(0.4)/20.0(-1.0)		8.4					
IR5	2F22-10(12)	.	TI	-1.0	0.10		A0	5610	5610	DSPCTL	D1
	3E01-06	.1	TI	-0.20	0.2	4.7	IN3	74LS244	74LS244	SPY1	B8
	3F14-09(12)	.1	TIS	-2.0	0.5	3.2		74S08	74S08	FLAG	D5
	3F14-05(08)	.1	TIS	-2.0	0.5	.8		74S08	74S08	FLAG	C5
	3F14-02(05)	.1	TIS	-2.0	0.5	.7		74S08	74S08	FLAG	C5
	3F04-01(03)	.1	TI	-0.80	0.2	2.8	I	93S48	93S48	IPAR	C6
	2F25-05(07)	.1	TI	-2.0	0.5	3.8	A0	74S283	74S283	SMCTL	D7
	3C03-10(12)	.1	TO	20.0	-1.0	6.1	Q2	25S09	25S09	IREG	D7
	2H17-10(12)	.1	TI	-2.0	0.5	5.7	D0	74S153	74S153	ALUC4	D5
	2C10-02(06)	.1	TI	-2.0	0.5	3.2		74S02	74S02	ALUC4	A7
					-14.0(0.44)/20.0(-1.0)		43.0				OVERLOADED
IR6	3F24-05(08)	.	TIS	-2.0	0.5			74S08	74S08	CONTRL	A3
	3F24-12(15)	.1	TIS	-2.0	0.5	.8		74S08	74S08	CONTRL	A3
	3F20-05(08)	.1	TI	-2.0	0.5	2.6		74S04	74S04A	CONTRL	A1
	3F04-02(04)	.1	TI	-0.80	0.2	4.8	I	93S48	93S48	IPAR	C6
	3F01-04	.1	TI	-0.20	0.2	1.9	IN2	74LS244	74LS244	SPY1	B8
	2F22-11(13)	.1	TI	-1.0	0.10	4.6	A1	5610	5610	DSPCTL	D1
	2F25-03(06)	.1	TI	-2.0	0.5	5.0	A1	74S283	74S283	SMCTL	D7
	3C03-07(09)	.1	TO	20.0	-1.0	6.5	Q1	25S09	25S09	IREG	D7
	2H17-06(08)	.1	TI	-2.0	0.5	5.8	D0	74S153	74S153	ALUC4	D5
	2C10-06(09)	.1	TI	-2.0	0.5	2.9		74S02	74S02	ALUC4	A4
				-14.0(0.44)/20.0(-1.0)		46.9				OVERLOADED	2
-IR6	3F25-12(15)	.	TIS	-2.0	0.5			74S64	74S64	CONTRL	D6
	3F28-05(08)	.1	TIS	-2.0	0.5	1.9		74S64	74S64	CONTRL	C4
	3F27-05(08)	.1	TIS	-2.0	0.5	.9		74S64	74S64	CONTRL	D3
	3E26-12(15)	.1	TIS	-2.0	0.5	1.3		74S64	74S64	CONTRL	C6
	3F30-12(15)	.1	TIS	-2.0	0.5	1.1		74S64	74S64	CONTRL	D4
	3F20-06(09)	.1	TO	20.0	-1.0	2.4		74S04	74S04A	CONTRL	A1
				-10.0(0.25)/20.0(-1.0)		13.6					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
IR7	3F25-04(07)	.	IIS	-2.0	0.5			74S64	74S64	CONTRL	D6
	3E25-01(04)	.i	IIS	-2.0	0.5	.7		74S64	74S64	CONTRL	D6
	3E04-03(06)	.i	II	-0.80	0.2	4.8	I	93S48	93S48	IPAR	C6
	3E01-02	.i	II	-0.20	0.2	2.0	IN1	74LS244	74LS244	SPY1	B8
	2F22-12(14)	.i	II	-1.0	0.10	4.5	A2	5610	5610	DSPCIL	D1
	2F25-14(16)	.i	II	-2.0	0.5	4.7	A2	74S283	74S283	SMCIL	D7
	3C03-02(04)	.i	IO	20.0	-1.0	6.4	Q0	25S09	25S09	IRFG	D7
	2B18-06(08)	.i	II	-2.0	0.5	5.6	D0	74S153	74S153	ALUC4	D6
											-10.0(0.34)/20.0(-1.0) 37.7
IR8	3F24-09(12)	\	IIS	-2.0	0.5			74S08	74S08	CONTRL	A3
	3E29-04(07)	.i	IIS	-2.0	0.5	1.4		74S11	74S11	CONTRL	B3
	3F26-11(14)	.i	IIS	-2.0	0.5	2.2		74S64	74S64	CONTRL	C6
	3F20-03(06)	.i	II	-2.0	0.5	2.8		74S04	74S04A	CONTRL	A1
	3F14-02(05)	.i	II	-2.0	0.5	1.7		74S02	74S02	DSPCIL	A5
	3E03-17	.i	II	-0.20	0.2	3.4	IN5	74LS244	74LS244	SPY1	B7
	3F04-04(06)	.i	II	-0.80	0.2	1.3	I	93S48	93S48	IPAR	C6
	3D02-12(15)	.i	IIS	-2.0	0.5	1.8		74S00	74S00	SOURCE	D1
	3C02-15(17)	.i	IO	20.0	-1.0	3.2	Q3	25S09	25S09	IRFG	D5
	2E25-12(14)	.i	II	-2.0	0.5	5.6	A3	74S283	74S283	SMCIL	D7
	2F23-08	.i	II	-0.40	0.5	3.0	IN4	74S241	74S241	DRAM1	D3
											-15.40(0.44)/20.0(-1.0) 40.8
											OVERLOADED _____ 2
-IR8	3F20-04(07)	.	IO	20.0	-1.0			74S04	74S04A	CONTRL	A1
	3E29-01(04)	.i	IIS	-2.0	0.5	3.4		74S11	74S11	CONTRL	B3
											-2.0(0.5)/20.0(-1.0)
IR8B	2F23-12	.	TOT	64.0	-15.0		OUT4	74S241	74S241	DRAM1	D3
	2F24-10(13)	.i	IIS	-2.0	0.5	1.0		74S64	74S64	DRAM0	D1
	2F05-10(13)	.i	IIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1
	2F01-10(13)	.i	IIS	-2.0	0.5	2.4		74S64	74S64	DRAM2	D1
											-6.0(0.15)/64.0(-15.0) 11.3
IR9	3C02-10(12)	.	TO	20.0	-1.0		Q2	25S09	25S09	IRFG	D5
	3E29-05(08)	.i	IIS	-2.0	0.5	7.2		74S11	74S11	CONTRL	B3
	3E29-13(18)	.i	IIS	-2.0	0.5	.9		74S11	74S11	CONTRL	B3
	3E14-03(06)	.i	II	-2.0	0.5	4.4		74S02	74S02	DSPCIL	A5
	3I04-05(07)	.i	II	-0.80	0.2	3.0	I	93S48	93S48	IPAR	C6
	3E03-15	.i	II	-0.20	0.2	1.3	IN6	74LS244	74LS244	SPY1	B7
	2F23-11	.i	II	-0.40	0.5	4.7	IN8	74S241	74S241	DRAM1	D3
	2E10-05(07)	.i	II	-2.0	0.5	5.8	A0	74S283	74S283	SMCIL	B7
											-9.40(0.29)/20.0(-1.0) 37.2
IROB	2F23-09	.	TOT	64.0	-15.0		OUT18	74S241	74S241	DRAM1	D3
	2F24-03(06)	.i	IIS	-2.0	0.5	1.0		74S64	74S64	DRAM0	D1
	2F05-03(06)	.i	IIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1
	2F01-03(06)	.i	IIS	-2.0	0.5	2.4		74S64	74S64	DRAM2	D1
											-6.0(0.15)/64.0(-15.0) 11.3
IRALU	3D03-12(15)	.	TO	20.0	-1.0			74S04	74S04A	SOURCE	B7
	3D02-13(16)	.i	IIS	-2.0	0.5	1.0		74S00	74S00	SOURCE	D1
											-2.0(0.5)/20.0(-1.0)
-IRALU	2D21-03(06)	\	II	-1.60	0.4			7428	7428	ALUC4	C2
	2D21-06(09)	.i	II	-1.60	0.4	.7		7428	7428	ALUC4	C2
	2D21-11(14)	.i	II	-1.60	0.4	.8		7428	7428	ALUC4	D2
	2D21-08(11)	.i	II	-1.60	0.4	.7		7428	7428	ALUC4	C2
	3D02-04(07)	.i	IIS	-2.0	0.5	3.0		74S00	74S000	SOURCE	D7
	3D03-13(16)	.i	II	-2.0	0.5	.7		74S04	74S04A	SOURCE	B7
	3D05-04(06)	.i	TO	20.0	-1.0	1.8	1Y0	74S139	74S139	SOURCE	B1
	2B19-08(11)	.i	II	-1.60	0.4	6.8		7428	7428	QCTL	D2
	2B19-11(14)	.i	II	-1.60	0.4	.7		7428	7428	QCTL	D2
											OVERLOADED _____ 2

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-IRBYTE	3D02-05(08)	.	IIS	-2.0	0.5			74S00	74S000	SOURCE	D7
	3D05-07(09)	i	IO	20.0	-1.0	2.0	1Y3	74S139	74S139	SOURCE	B1
	2D20-05(08)	i	II	-2.0	0.5	5.3		74S02	74S02	SMCTL	D1
	2D20-02(05)	i	II	-2.0	0.5	.7		74S02	74S02	SMCTL	B1
				-6.0(0.15)/20.0(-1.0)			11.0				
IRDISP	4D09-13(16)	.	IIS	-2.0	0.5			74S08	74S08	LCC	D1
	4D06-01(04)	i	IIS	-2.0	0.5	1.7		74S08	74S08	IPC	D1
	3E24-01(04)	i	IIS	-2.0	0.5	5.4		74S09	74S08	CONTRL	B1
	3D03-08(11)	i	IO	20.0	-1.0	4.7		74S04	74S04A	SOURCE	B7
				-6.0(0.15)/20.0(-1.0)			14.8				
-IRDISP	3F14-05(08)	.	II	-2.0	0.5			74S02	74S020	DSPCTL	B4
	3E18-01(04)	i	II	-2.0	0.5	2.8	IN	74S32	74S320	CONTRL	B1
	3D03-09(12)	i	II	-2.0	0.5	4.1		74S04	74S04A	SOURCE	B7
	3D05-06(08)	i	IO	20.0	-1.0	1.8	1Y2	74S139	74S139	SOURCE	B1
	3C14-01(03)	i	II	-2.0	0.5	3.2	-ENB	25S07	25S07	DSPCTL	B6
	3C15-01(03)	i	II	-2.0	0.5	.9	-ENB	25S07	25S07	DSPCTL	B8
				-10.0(0.25)/20.0(-1.0)			18.8				
IRJUMP	2H18-12(14)	.	II	-2.0	0.5		D2	74S153	74S153	ALUC4	D6
	3D03-10(13)	i	IO	20.0	-1.0	7.7		74S04	74S04A	SOURCE	B7
	3E25-13(16)	i	IIS	-2.0	0.5	4.9		74S64	74S64	CONTRL	D6
	3E24-04(07)	i	IIS	-2.0	0.5	.7		74S08	74S08	CONTRL	A3
	3E20-02(05)	i	IIS	-2.0	0.5	1.3		74S11	74S11	CONTRL	B3
	3E29-03(06)	i	IIS	-2.0	0.5	BARE		74S11	74S11	CONTRL	B3
	3E27-06(09)	i	IIS	-2.0	0.5	1.5		74S64	74S64	CONTRL	D3
	3E26-13(16)	i	IIS	-2.0	0.5	1.3		74S64	74S64	CONTRL	C6
				-14.0(0.35)/20.0(-1.0)			26.5			OVERLOADED	2
-IRJUMP	3D03-11(14)	\	II	-2.0	0.5			74S04	74S04A	SOURCE	B7
	3D05-05(07)	i	IO	20.0	-1.0	1.7	1Y1	74S139	74S139	SOURCE	B1
	2C20-05(08)	i	IIS	-2.0	0.5	5.9		74S20	74S200	ALUC4	B8
				-4.0(0.10)/20.0(-1.0)			9.1				
IWR0	4CJ1-01	.					CON		CPINS	C6	D8
	4B06-19	i	TOT	20.0	-6.50	2.4	Q7	74S374	74S374	IWR	D8
				0.0/20.0							
IWR1	4CJ1-02	.					CON		CPINS	C6	D8
	4B06-16	i	TOT	20.0	-6.50	2.8	Q6	74S374	74S374	IWR	D8
				0.0/20.0							
IWR10	4CJ1-11	.					CON		CPINS	D6	D6
	4B01-15	i	TOT	20.0	-6.50	2.4	Q5	74S374	74S374	IWR	D6
				0.0/20.0							
IWR11	4CJ1-12	.					CON		CPINS	D6	D6
	4B01-12	i	TOT	20.0	-6.50	2.7	Q4	74S374	74S374	IWR	D6
				0.0/20.0							
IWR12	4CJ1-13	.					CON		CPINS	D6	D6
	4B01-09	i	TOT	20.0	-6.50	3.0	Q3	74S374	74S374	IWR	D6
				0.0/20.0							
IWR13	4CJ1-14	.					CON		CPINS	D6	D6
	4B01-06	i	TOT	20.0	-6.50	3.0	Q2	74S374	74S374	IWR	D6
				0.0/20.0							
IWR14	4CJ1-15	.					CON		CPINS	D6	D6
	4B01-05	i	TOT	20.0	-6.50	3.0	Q1	74S374	74S374	IWR	D6
				0.0/20.0							

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IWR15	4CJ1-16 4B01-02	i	TOT	20.0 0.0/20.0	-6.50	3.0	CON Q0	74S374	CPINS 74S374	D6 IWR	D6
IWR16	4CJ1-17 4C05-10	i	TOT	20.0 0.0/20.0	-6.50	2.1	CON Q7	74S374	CPINS 74S374	D6 IWR	D5
IWR17	4CJ1-18 4C05-16	i	TOT	20.0 0.0/20.0	-6.50	2.4	CON Q6	74S374	CPINS 74S374	D6 IWR	D5
IWR18	4CJ1-19 4C05-15	i	TOT	20.0 0.0/20.0	-6.50	2.5	CON Q5	74S374	CPINS 74S374	D6 IWR	D5
IWR19	4CJ1-20 4C05-12	i	TOT	20.0 0.0/20.0	-6.50	2.8	CON Q4	74S374	CPINS 74S374	D6 IWR	D5
IWR2	4CJ1-03 4B06-15	i	TOT	20.0 0.0/20.0	-6.50	2.9	CON Q5	74S374	CPINS 74S374	C6 IWR	D8
IWR20	4BJ1-01 4C05-09	i	TOT	20.0 0.0/20.0	-6.50	3.4	CON Q3	74S374	CPINS 74S374	A6 IWR	D5
IWR21	4BJ1-02 4C05-06	i	TOT	20.0 0.0/20.0	-6.50	3.1	CON Q2	74S374	CPINS 74S374	A6 IWR	D5
IWR22	4BJ1-03 4C05-05	i	TOT	20.0 0.0/20.0	-6.50	3.0	CON Q1	74S374	CPINS 74S374	A6 IWR	D5
IWR23	4BJ1-04 4C05-02	i	TOT	20.0 0.0/20.0	-6.50	2.8	CON Q0	74S374	CPINS 74S374	A6 IWR	D5
IWR24	4BJ1-05 4C04-19	i	TOT	20.0 0.0/20.0	-6.50	3.5	CON Q7	74S374	CPINS 74S374	A6 IWR	D4
IWR25	4BJ1-06 4C04-16	i	TOT	20.0 0.0/20.0	-6.50	3.5	CON Q6	74S374	CPINS 74S374	A6 IWR	D4
IWR26	4BJ1-07 4C04-15	i	TOT	20.0 0.0/20.0	-6.50	3.4	CON Q5	74S374	CPINS 74S374	A6 IWR	D4
IWR27	4BJ1-08 4C04-12	i	TOT	20.0 0.0/20.0	-6.50	3.5	CON Q4	74S374	CPINS 74S374	A6 IWR	D4
IWR28	4BJ1-09 4C04-09	i	TOT	20.0 0.0/20.0	-6.50	3.1	CON Q3	74S374	CPINS 74S374	A6 IWR	D4
IWR29	4BJ1-10 4C04-06	i	TOT	20.0 0.0/20.0	-6.50	2.9	CON Q2	74S374	CPINS 74S374	A6 IWR	D4

CADR PROC SOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IWR3	4CJ1-04 4B06-12	i	TOT	20.0 0.0/20.0	-6.50	3.2	CON Q4	74S374	CPINS 74S374	C6 IWR	D8
IWR30	4BJ1-11 4C04-05	i	TOT	20.0 0.0/20.0	-6.50	2.7	CON Q1	74S374	CPINS 74S374	B6 IWR	D4
IWR31	4BJ1-12 4C04-02	i	TOT	20.0 0.0/20.0	-6.50	2.5	CON Q0	74S374	CPINS 74S374	B6 IWR	D4
IWR32	3FJ1-01 1F14-19	i	TOT	20.0 0.0/20.0	-6.50	13.9	CON Q7	74S374	CPINS 74S374	C4 IWR	D2
IWR33	3FJ1-02 1F14-16	i	TOT	20.0 0.0/20.0	-6.50	13.6	CON Q6	74S374	CPINS 74S374	C4 IWR	D2
IWR34	3FJ1-03 1F14-15	i	TOT	20.0 0.0/20.0	-6.50	13.5	CON Q5	74S374	CPINS 74S374	C4 IWR	D2
IWR35	3FJ1-04 1F14-12	i	TOT	20.0 0.0/20.0	-6.50	13.2	CON Q4	74S374	CPINS 74S374	C4 IWR	D2
IWR36	3FJ1-05 1F14-09	i	TOT	20.0 0.0/20.0	-6.50	13.2	CON Q3	74S374	CPINS 74S374	C4 IWR	D2
IWR37	3FJ1-06 1F14-06	i	TOT	20.0 0.0/20.0	-6.50	13.5	CON Q2	74S374	CPINS 74S374	C4 IWR	D2
IWR38	3FJ1-07 1F14-05	i	TOT	20.0 0.0/20.0	-6.50	13.6	CON Q1	74S374	CPINS 74S374	C4 IWR	D2
IWR39	3FJ1-08 1F14-02	i	TOT	20.0 0.0/20.0	-6.50	13.9	CON Q0	74S374	CPINS 74S374	C4 IWR	D2
IWR4	4CJ1-05 4B06-09	i	TOT	20.0 0.0/20.0	-6.50	3.4	CON Q3	74S374	CPINS 74S374	C6 IWR	D8
IWR40	3FJ1-09 1F12-19	i	TOT	20.0 0.0/20.0	-6.50	13.9	CON Q7	74S374	CPINS 74S374	C4 IWR	D1
IWR41	3FJ1-10 1F12-16	i	TOT	20.0 0.0/20.0	-6.50	13.6	CON Q6	74S374	CPINS 74S374	C4 IWR	D1
IWR42	3FJ1-11 1F12-15	i	TOT	20.0 0.0/20.0	-6.50	13.5	CON Q5	74S374	CPINS 74S374	D4 IWR	D1
IWR43	3FJ1-12 1F12-12	i	TOT	20.0 0.0/20.0	-6.50	13.2	CON Q4	74S374	CPINS 74S374	D4 IWR	D1

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IWR44	3FJ1-13 1F12-09	i	TOT	20.0 0.0/20.0	-6.50	13.2	CON Q3	74S374	CPINS 74S374	D4 IWR	D1
IWR45	3FJ1-14 1F12-06	i	TOT	20.0 0.0/20.0	-6.50	13.5	CON Q2	74S374	CPINS 74S374	D4 IWR	D1
IWR46	3FJ1-15 1F12-05	i	TOT	20.0 0.0/20.0	-6.50	13.6	CON Q1	74S374	CPINS 74S374	D4 IWR	D1
IWR47	3FJ1-16 1F12-02	i	TOT	20.0 0.0/20.0	-6.50	13.9	CON Q0	74S374	CPINS 74S374	D4 IWR	D1
IWR5	4CJ1-06 4B06-06	i	TOT	20.0 0.0/20.0	-6.50	3.1	CON Q2	74S374	CPINS 74S374	C6 IWR	D8
IWR6	4CJ1-07 4B06-05	i	TOT	20.0 0.0/20.0	-6.50	3.1	CON Q1	74S374	CPINS 74S374	C6 IWR	D8
IWR7	4CJ1-08 4B06-02	i	TOT	20.0 0.0/20.0	-6.50	2.9	CON Q0	74S374	CPINS 74S374	C6 IWR	D8
IWR8	4CJ1-09 4B01-19	i	TOT	20.0 0.0/20.0	-6.50	2.1	CON Q7	74S374	CPINS 74S374	C6 IWR	D6
IWR9	4CJ1-10 4B01-16	i	TOT	20.0 0.0/20.0	-6.50	2.3	CON Q6	74S374	CPINS 74S374	C6 IWR	D6
IWR11F	3F29-06(09) 3D26-13(15)	i	TO TI	20.0 -2.0	-1.0 0.5	1.4	4D	74S11 74S175	74S11 74S175	CONTRL CONTRL	B3 D1
IWR11D	3F15-11 3F25-10(13) 3D26-15(17)	\ i i	TI TIS TO	-0.20 -2.0 20.0	0.2 0.5 -1.0	3.8 1.4	IN8 4Q 6.7	74LS244 74S64 74S175	74LS244 74S64 74S175	SPY2 CONTRL CONTRL	B7 D6 D1
-IWR11D	3F05-05(08) 3D21-05(08) 3D26-14(16) 4FJ1-16	. i i i	TIS TIS TO	-2.0 -2.0 20.0	0.5 0.5 -1.0	4.9 1.3	-4Q CON 12.2	74S08 74S08 74S175	74S080 74S080 74S175	SOURCE CONTRL CONTRL	B7 C3 D1
JCALF	3F26-03(06) 3E24-08(11)	. i	TIS TO	-2.0 20.0	0.5 -1.0	1.8		74S64 74S08	74S64 74S08	CONTRL CONTRL	C6 A3
JCOND	3F13-05(07) 3F16-13 3F30-11(14) 3F26-01(04) 3F27-04(07) 3F28-04(07) 3E25-11(14)	\ .i i .i i .i i	TO TI TIS TIS TIS TIS TIS	20.0 -0.20 -2.0 -2.0 -2.0 -2.0 -2.0	-1.0 0.2 0.5 0.5 0.5 0.5 0.5	2.2 2.7 1.5 1.0 .9 1.8	OUT IN7	74S151 74LS244 74S04 74S64 74S64 74S64 74S64	74S151 74LS244 74S64 74S64 74S64 74S64 74S64	FLAG SPY2 CONTRL CONTRL CONTRL CONTRL CONTRL	D7 B8 D4 C6 D3 C4 D6

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2103						
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-JCOND	3E13-06(08)	.	TO	20.0	-1.0				74S151	74S151	FLAG	D7
	3E26-05(08)	.i	TIS	-2.0	0.5	2.9			74S64	74S64	CONTRL	D6
	3E29-02(05)	.i	TIS	-2.0	0.5	1.7			74S64	74S64	CONTRL	C4
	3E27-02(05)	.i	TIS	-2.0	0.5	.9			74S64	74S64	CONTRL	D3
	3E26-02(05)	.i	TIS	-2.0	0.5	.9			74S64	74S64	CONTRL	C6
	3E30-05(08)	.i	TIS	-2.0	0.5	1.2			74S64	74S64	CONTRL	D4
				-10.0(0.25)/20.0(-1.0)			13.6					
JFALSE	3E27-03(06)	.	TIS	-2.0	0.5				74S64	74S64	CONTRL	D3
	3E24-10(13)	.i	TIS	-2.0	0.5	1.6			74S08	74S08	CONTRL	A3
	3E24-06(09)	.i	IO	20.0	-1.0	.8			74S08	74S08	CONTRL	A3
	3E25-06(09)	.i	TIS	-2.0	0.5	.9			74S64	74S64	CONTRL	D6
				-6.0(0.15)/20.0(-1.0)			6.3					
JRET	3F30-13(10)	.	TIS	-2.0	0.5				74S64	74S64	CONTRL	D4
	3E28-06(09)	.i	TIS	-2.0	0.5	2.5			74S64	74S64	CONTRL	C4
	3E29-12(15)	.i	TO	20.0	-1.0	.8			74S11	74S11	CONTRL	B3
	3E24-13(16)	.i	TIS	-2.0	0.5	1.6			74S08	74S08	CONTRL	A3
				-6.0(0.15)/20.0(-1.0)			7.9					
JRETF	3F30-06(09)	.i	TIS	-2.0	0.5				74S64	74S64	CONTRL	D4
	3E28-03(06)	.i	TIS	-2.0	0.5	2.2			74S64	74S64	CONTRL	C4
	3E24-11(14)	.i	TO	20.0	-1.0	1.5			74S08	74S08	CONTRL	A3
				-4.0(0.10)/20.0(-1.0)			5.2					
LO	4E14-03(05)	.	TI	-2.0	0.5		IN1		74S157	74S157	SPCW	C8
	3C26-19	.i	TOT	20.0	-6.50	6.7	Q7		74S374	74S374	L	B7
	4C03-11(13)	.i	TI	-0.80	0.2	3.8	I		93S48	93S48	L	D5
	4C30-15(17)	.i	TI	-0.40	0.2	5.6	DI		93425A	93425A	PDL1	D8
	4A25-03(05)	.i	TI	-1.60	0.2	6.2	IO		82S21	82S21	MMEM	D8
	4A08-17	.i	TI	-0.40	0.5	4.1	IN5		74S241	74S241	MLATCH	D8
	3A20-15(17)	.i	TI	-0.40	0.2	6.4	DI		93425A	93425A	AMEM1	D8
	3A04-17	.i	TI	-0.40	0.5	3.8	IN5		74S241	74S241	ALATCH	D8
					-6.0(0.23)/20.0(-6.50)			45.6				
L1	3C26-16	.	TOT	20.0	-6.50		Q6		74S374	74S374	L	B7
	4C03-12(14)	.i	TI	-0.80	0.2	3.4	I		93S48	93S48	L	D5
	4E14-06(08)	.i	TI	-2.0	0.5	5.6	IN1		74S157	74S157	SPCW	C8
	4C29-15(17)	.i	TI	-0.40	0.2	6.3	DI		93425A	93425A	PDL1	D7
	4A25-14(16)	.i	TI	-1.60	0.2	6.4	I1		82S21	82S21	MMEM	D8
	4A08-15	.i	TI	-0.40	0.5	3.8	IN6		74S241	74S241	MLATCH	D8
	3A25-15(17)	.i	TI	-0.40	0.2	5.5	DI		93425A	93425A	AMEM1	D7
	3A04-15	.i	TI	-0.40	0.5	4.7	IN6		74S241	74S241	ALATCH	D8
					-6.0(0.23)/20.0(-6.50)			44.7				
L10	4E12-10(12)	.	TI	-2.0	0.5		IN1		74S157	74S157	SPCW	C4
	4C25-15(17)	.i	TI	-0.40	0.2	7.8	DI		93425A	93425A	PDL1	B6
	4A28-03(06)	.i	TI	-1.60	0.2	5.3	IO		82S21	82S21	MMEM	D4
	4A06-13	.i	TI	-0.40	0.5	4.8	IN7		74S241	74S241	MLATCH	D6
	4C03-06(08)	.i	TI	-0.80	0.2	4.7	I		93S48	93S48	L	D5
	3C27-15	.i	TOT	20.0	-6.50	3.4	Q5		74S374	74S374	L	B5
	3B19-15(17)	.i	TI	-0.40	0.2	4.9	DI		93425A	93425A	AMEM1	B6
	3A02-13	.i	TI	-0.40	0.5	3.8	IN7		74S241	74S241	ALATCH	D6
					-6.0(0.23)/20.0(-6.50)			43.5				
L11	4E12-13(15)	.	TI	-2.0	0.5		IN1		74S157	74S157	SPCW	C4
	4C24-15(17)	.i	TI	-0.40	0.2	7.2	DI		93425A	93425A	PDL1	B5
	4A28-14(16)	.i	TI	-1.60	0.2	5.5	I1		82S21	82S21	MMEM	D4
	4A06-11	.i	TI	-0.40	0.5	4.5	IN8		74S241	74S241	MLATCH	D6
	4C03-07(08)	.i	TI	-0.80	0.2	4.7	I		93S48	93S48	L	D5
	3C27-12	.i	TOT	20.0	-6.50	3.2	Q4		74S374	74S374	L	B5
	3B24-15(17)	.i	TI	-0.40	0.2	4.5	DI		93425A	93425A	AMEM1	B5
	3A02-11	.i	TI	-0.40	0.5	4.6	IN8		74S241	74S241	ALATCH	D6
					-6.0(0.23)/20.0(-6.50)			43.2				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
L12	4E11-03(06)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C3
	4C23-15(17)	.i	II	-0.40	0.2	6.9	DI	93425A	93425A	PDI1	B4
	4A22-03(06)	.i	II	-1.60	0.2	5.6	I0	82S21	82S21	MMFM	D3
	4A06-08	.i	II	-0.40	0.5	3.5	IN4	74S241	74S241	MLATCH	D6
	4C08-11(13)	.i	II	-0.80	0.2	5.1	I	93S48	93S48	L	D6
	3C27-09	.i	TOT	20.0	-6.50	4.1	Q3	74S374	74S374	L	B5
	3R18-15(17)	.i	II	-0.40	0.2	4.4	DI	93425A	93425A	AMFM1	B4
	3A02-08	.i	II	-0.40	0.5	4.3	IN4	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)			42.9				
L13	4E11-06(08)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C3
	4C21-15(17)	.i	II	-0.40	0.2	5.9	DI	93425A	93425A	PDI1	B3
	4A22-14(16)	.i	II	-1.60	0.2	6.3	I1	82S21	82S21	MMFM	D3
	4A06-06	.i	II	-0.40	0.5	3.7	IN3	74S241	74S241	MLATCH	D6
	4C08-12(14)	.i	II	-0.80	0.2	5.2	I	93S48	93S48	L	D6
	3C27-06	.i	TOT	20.0	-6.50	4.3	Q2	74S374	74S374	L	B5
	3R23-15(17)	.i	II	-0.40	0.2	3.6	DI	93425A	93425A	AMFM1	B3
	3A02-08	.i	II	-0.40	0.5	5.3	IN3	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)			43.3				
L14	4E11-10(12)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C3
	4D25-15(17)	.i	II	-0.40	0.2	5.4	DI	93425A	93425A	PDI1	B2
	4A27-03(05)	.i	II	-1.60	0.2	7.5	I0	82S21	82S21	MMFM	D2
	4A06-04	.i	II	-0.40	0.5	5.0	IN2	74S241	74S241	MLATCH	D6
	4C08-13(15)	.i	II	-0.80	0.2	5.2	I	93S48	93S48	L	D6
	3C27-05	.i	TOT	20.0	-6.50	4.3	Q1	74S374	74S374	L	B5
	3R17-15(17)	.i	II	-0.40	0.2	3.8	DI	93425A	93425A	AMFM1	B2
	3A02-04	.i	II	-0.40	0.5	4.9	IN2	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)			45.1				
L15	4E11-13(15)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C3
	4D23-15(17)	.i	II	-0.40	0.2	4.7	DI	93425A	93425A	PDI1	B1
	4A27-14(16)	.i	II	-1.60	0.2	8.1	I1	82S21	82S21	MMFM	D2
	4A06-02	.i	II	-0.40	0.5	5.2	IN1	74S241	74S241	MLATCH	D6
	4C08-14(16)	.i	II	-0.80	0.2	5.2	I	93S48	93S48	L	D6
	3C27-02	.i	TOT	20.0	-6.50	4.5	Q0	74S374	74S374	L	B5
	3R22-15(17)	.i	II	-0.40	0.2	3.0	DI	93425A	93425A	AMFM1	B1
	3A07-02	.i	II	-0.40	0.5	5.9	IN1	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)			45.6				
L16	4F15-03(05)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C1
	4D22-15(17)	.i	II	-0.40	0.2	4.6	DI	93425A	93425A	PDI0	D8
	4A21-03(05)	.i	II	-1.60	0.2	8.4	I0	82S21	82S21	MMFM	B8
	4B09-17	.i	II	-0.40	0.5	4.2	IN5	74S241	74S241	MLATCH	D5
	4C08-15(17)	.i	II	-0.80	0.2	3.6	I	93S48	93S48	L	D6
	3C28-19	.i	TOT	20.0	-6.50	4.3	Q7	74S374	74S374	L	B3
	3B05-17	.i	II	-0.40	0.5	6.9	IN5	74S241	74S241	ALATCH	D5
	3A10-15(17)	.i	II	-0.40	0.2	3.4	DI	93425A	93425A	AMFM0	D8
				-6.0(0.23)/20.0(-6.50)			44.4				
L17	4F15-06(08)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C1
	4D21-15(17)	.i	II	-0.40	0.2	4.0	DI	93425A	93425A	PDI0	D7
	4A21-14(16)	.i	II	-1.60	0.2	8.8	I1	82S21	82S21	MMFM	B8
	4B09-15	.i	II	-0.40	0.5	3.9	IN6	74S241	74S241	MLATCH	D5
	4C08-01(03)	.i	II	-0.80	0.2	3.4	I	93S48	93S48	L	D6
	3C28-18	.i	TOT	20.0	-6.50	4.0	Q6	74S374	74S374	L	B3
	3B05-15	.i	II	-0.40	0.5	7.0	IN6	74S241	74S241	ALATCH	D5
	3A15-15(17)	.i	II	-0.40	0.2	3.8	DI	93425A	93425A	AMFM0	D7
				-6.0(0.23)/20.0(-6.50)			43.9				
L18	4F15-10(12)	.	II	-2.0	0.5		IN1	74S157	74S157	SPCW	C1
	4C20-15(17)	.i	II	-0.40	0.2	8.8	DI	93425A	93425A	PDI0	D6
	4A26-03(05)	.i	II	-1.60	0.2	4.8	I0	82S21	82S21	MMFM	B7
	4B09-13	.i	II	-0.40	0.5	4.8	IN7	74S241	74S241	MLATCH	D5
	4C08-02(04)	.i	II	-0.80	0.2	3.4	I	93S48	93S48	L	D6
	3C28-15	.i	TOT	20.0	-6.50	4.0	Q5	74S374	74S374	L	B3
	3B05-13	.i	II	-0.40	0.5	6.9	IN7	74S241	74S241	ALATCH	D5
	3A09-15(17)	.i	II	-0.40	0.2	2.8	DI	93425A	93425A	AMFM0	D6
				-6.0(0.23)/20.0(-6.50)			44.5				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
L19	4A26-14(16)	\	TI	-1.60	0.2		I1	82S21	82S21	MMFM	B7
	4B09-11	.1	TI	-0.40	0.5	4.5	IN8	74S241	74S241	MLATCH	D5
	4C19-15(17)	.1	TI	-0.40	0.2	3.6	DI	93425A	93425A	PDLO	D5
	4C08-03(06)	.1	TI	-0.80	0.2	2.6	I	93S48	93S48	L	D6
	3C28-12	.1	IOT	20.0	-6.50	3.8	O4	74S374	74S374	L	B3
	3B05-11	.1	TI	-0.40	0.5	7.0	IN8	74S241	74S241	ALATCH	D5
	3A14-15(17)	.1	TI	-0.40	0.2	3.2	DI	93425A	93425A	AMMO	D5
				-4.0(0.18)/20.0(-6.50)			32.2				
L2	3C26-15		IOT	20.0	-6.50		Q5	74S374	74S374	L	B7
	4C03-13(15)	.1	TI	-0.80	0.2	3.2	I	93S48	93S48	L	D5
	4E14-10(12)	.1	TI	-2.0	0.5	5.9	IN1	74S157	74S157	SPCW	C8
	4C28-15(17)	.1	TI	-0.40	0.2	6.1	DI	93425A	93425A	PDL1	D6
	4A30-03(05)	.1	TI	-1.60	0.2	7.1	I0	82S21	82S21	MMFM	D7
	4A08-13	.1	TI	-0.40	0.5	4.8	IN7	74S241	74S241	MLATCH	D8
	3A19-15(17)	.1	TI	-0.40	0.2	6.8	DI	93425A	93425A	MMM1	D6
	3A04-13	.1	TI	-0.40	0.5	3.3	IN7	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)			46.2				
L20	4B25-03(05)	\	TI	-1.60	0.2		I0	82S21	82S21	MMFM	B6
	4B09-08	.1	TI	-0.40	0.5	3.5	IN4	74S241	74S241	MLATCH	D5
	4C18-15(17)	.1	TI	-0.40	0.2	4.4	DI	93425A	93425A	PDLO	D4
	4C08-04(06)	.1	TI	-0.80	0.2	2.5	I	93S48	93S48	L	D6
	3C20-09	.1	IOT	20.0	-6.50	3.8	Q3	74S374	74S374	L	B3
	3B05-08	.1	TI	-0.40	0.5	7.2	IN4	74S241	74S241	ALATCH	D5
	3A08-15(17)	.1	TI	-0.40	0.2	2.0	DI	93425A	93425A	AMMO	D4
				-4.0(0.18)/20.0(-6.50)			30.9				
L21	4B09-06	\	TI	-0.40	0.5		IN3	74S241	74S241	MLATCH	D5
	4B25-14(16)	.1	TI	-1.60	0.2	3.7	I1	82S21	82S21	MMFM	B6
	4C17-15(17)	.1	TI	-0.40	0.2	4.8	DI	93425A	93425A	PDLO	D4
	4C08-05(07)	.1	TI	-0.80	0.2	2.5	I	93S48	93S48	L	D6
	3C28-06	.1	IOT	20.0	-6.50	4.2	Q2	74S374	74S374	L	B3
	3A13-15(17)	.1	TI	-0.40	0.2	6.6	DI	93425A	93425A	AMMO	D4
	3B05-06	.1	TI	-0.40	0.5	2.9	IN3	74S241	74S241	ALATCH	D5
				-4.0(0.18)/20.0(-6.50)			32.2				
L22	4B30-03(05)	\	TI	-1.60	0.2		I0	82S21	82S21	MMFM	B5
	4B09-04	.1	TI	-0.40	0.5	5.0	IN2	74S241	74S241	MLATCH	D5
	4C08-06(08)	.1	TI	-0.80	0.2	3.7	I	93S48	93S48	L	D6
	4D19-15(17)	.1	TI	-0.40	0.2	3.5	DI	93425A	93425A	PDLO	D3
	3C28-05	.1	IOT	20.0	-6.50	6.8	Q1	74S374	74S374	L	B3
	3A07-15(17)	.1	TI	-0.40	0.2	6.9	DI	93425A	93425A	AMMO	D3
	3B05-04	.1	TI	-0.40	0.5	1.9	IN2	74S241	74S241	ALATCH	D5
				-4.0(0.18)/20.0(-6.50)			35.3				
L23	4B30-14(16)	\	TI	-1.60	0.2		I1	82S21	82S21	MMFM	B5
	4B09-02	.1	TI	-0.40	0.5	5.2	IN1	74S241	74S241	MLATCH	D5
	4C08-07(09)	.1	TI	-0.80	0.2	3.7	I	93S48	93S48	L	D6
	4D18-15(17)	.1	TI	-0.40	0.2	3.0	DI	93425A	93425A	PDLO	D2
	3C28-02	.1	IOT	20.0	-6.50	7.2	Q0	74S374	74S374	L	B3
	3A11-15(17)	.1	TI	-0.40	0.2	5.6	DI	93425A	93425A	AMMO	D2
	3B05-02	.1	TI	-0.40	0.5	2.9	IN1	74S241	74S241	ALATCH	D5
				-4.0(0.18)/20.0(-6.50)			36.0				
L24	4D17-15(17)	\	TI	-0.40	0.2		DI	93425A	93425A	PDLO	B8
	4B24-03(05)	.1	TI	-1.60	0.2	7.3	I0	82S21	82S21	MMFM	B4
	4B07-17	.1	TI	-0.40	0.5	4.1	IN5	74S241	74S241	MLATCH	D3
	4C09-15(17)	.1	TI	-0.80	0.2	2.1	I	93S48	93S48	L	D7
	3C29-19	.1	IOT	20.0	-6.50	4.3	Q7	74S374	74S374	L	B1
	3B10-15(17)	.1	TI	-0.40	0.2	5.7	DI	93425A	93425A	AMMO	B8
	3B03-17	.1	TI	-0.40	0.5	1.9	IN5	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)			32.9				

CADR PROFESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPIYPE	BODY	FILE	POS
L25	4D16-15(17)	.1	II	-0.40	0.2		DI	93425A	93425A	PDLO	B7
	4R24-14(16)	.1	II	-1.60	0.2	7.5	I1	82S21	82S21	MMEM	B4
	4B07-15	.1	II	-0.40	0.5	3.8	IN6	74S241	74S241	MLATCH	D3
	4C09-01(03)	.1	II	-0.80	0.2	1.9	I	93S48	93S48	L	D7
	3C29-16	.1	TOT	20.0	-6.50	4.0	Q6	74S374	74S374	L	B1
	3B14-15(17)	.1	II	-0.40	0.2	4.8	DI	93425A	93425A	AMEMO	B7
	3B03-15	.1	II	-0.40	0.5	2.5	IN6	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		32.0					
L26	4R29-03(05)	.1	II	-1.60	0.2		I0	82S21	82S21	MMEM	B4
	4B07-13	.1	II	-0.40	0.5	4.8	IN7	74S241	74S241	MLATCH	D3
	4C15-15(17)	.1	II	-0.40	0.2	1.8	DI	93425A	93425A	PDLO	B6
	4C09-02(04)	.1	II	-0.80	0.2	1.6	I	93S48	93S48	L	D7
	3C29-15	.1	TOT	20.0	-6.50	4.0	Q5	74S374	74S374	L	B1
	3B09-15(17)	.1	II	-0.40	0.2	5.8	DI	93425A	93425A	AMEMO	B6
	3B03-13	.1	II	-0.40	0.5	1.3	IN7	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		26.8					
L27	4R29-14(16)	.1	II	-1.60	0.2		I1	82S21	82S21	MMEM	B4
	4B07-11	.1	II	-0.40	0.5	4.5	IN8	74S241	74S241	MLATCH	D3
	4C14-15(17)	.1	II	-0.40	0.2	2.2	DI	93425A	93425A	PDLO	B5
	4C09-03(05)	.1	II	-0.80	0.2	1.5	I	93S48	93S48	L	D7
	3C29-12	.1	TOT	20.0	-6.50	3.8	Q4	74S374	74S374	L	B1
	3B13-15(17)	.1	II	-0.40	0.2	4.8	DI	93425A	93425A	AMEMO	B5
	3B03-11	.1	II	-0.40	0.5	2.0	IN8	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		26.3					
L28	4R23-03(05)	.1	II	-1.60	0.2		I0	82S21	82S21	MMEM	B3
	4B07-08	.1	II	-0.40	0.5	3.5	IN4	74S241	74S241	MLATCH	D3
	4C13-15(17)	.1	II	-0.40	0.2	3.0	DI	93425A	93425A	PDLO	B4
	4C09-04(06)	.1	II	-0.80	0.2	1.7	I	93S48	93S48	L	D7
	3C29-09	.1	TOT	20.0	-6.50	3.8	Q3	74S374	74S374	L	B1
	3B08-15(17)	.1	II	-0.40	0.2	5.7	DI	93425A	93425A	AMEMO	B4
	3B03-08	.1	II	-0.40	0.5	1.2	IN4	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		26.4					
L29	4R23-14(16)	.1	II	-1.60	0.2		I1	82S21	82S21	MMEM	B3
	4B07-06	.1	II	-0.40	0.5	3.7	IN3	74S241	74S241	MLATCH	D3
	4C09-05(07)	.1	II	-0.80	0.2	2.2	I	93S48	93S48	L	D7
	4D13-15(17)	.1	II	-0.40	0.2	4.0	DI	93425A	93425A	PDLO	B4
	3C29-06	.1	TOT	20.0	-6.50	6.2	Q2	74S374	74S374	L	B1
	3B12-15(17)	.1	II	-0.40	0.2	4.2	DI	93425A	93425A	AMEMO	B4
	3B03-06	.1	II	-0.40	0.5	2.6	IN3	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		30.4					
L3	3C26-12	.1	TOT	20.0	-6.50		Q4	74S374	74S374	L	B7
	4C02-14(16)	.1	II	-0.80	0.2	2.9	I	93S48	93S48	L	D5
	4F14-13(15)	.1	II	-2.0	0.5	5.9	IN1	74S157	74S157	SPCW	C8
	4C27-15(17)	.1	II	-0.40	0.2	5.8	DI	93425A	93425A	PDLO	D5
	4A30-14(16)	.1	II	-1.60	0.2	7.3	I1	82S21	82S21	MMEM	D7
	4A08-11	.1	II	-0.40	0.5	4.5	IN8	74S241	74S241	MLATCH	D8
	3A24-15(17)	.1	II	-0.40	0.2	5.0	DI	93425A	93425A	AMEMO	D5
	3A04-11	.1	II	-0.40	0.5	4.2	IN8	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)		45.5					
L30	4R28-03(05)	.1	II	-1.60	0.2		I0	82S21	82S21	MMEM	B2
	4B07-04	.1	II	-0.40	0.5	5.0	IN2	74S241	74S241	MLATCH	D3
	4C09-06(08)	.1	II	-0.80	0.2	2.2	I	93S48	93S48	L	D7
	4D12-15(17)	.1	II	-0.40	0.2	4.5	DI	93425A	93425A	PDLO	B3
	3C29-05	.1	TOT	20.0	-6.50	6.6	Q1	74S374	74S374	L	B1
	3B07-15(17)	.1	II	-0.40	0.2	5.2	DI	93425A	93425A	AMEMO	B3
	3B03-04	.1	II	-0.40	0.5	1.8	IN2	74S241	74S241	ALATCH	D3
				-4.0(0.18)/20.0(-6.50)		32.8					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80		2103					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
L31	4D11-15(17)	.	TI	-0.40	0.2		D1	93425A	93425A	PDI 0	B2
	4B28-14(16)	.i	TI	-1.60	0.2	7.7	I1	82S21	82S21	MMFM	B2
	4C09-07(09)	.i	TI	-0.80	0.2	4.9	I	93S48	93S48	L	D7
	4B07-02	.i	TI	-0.40	0.5	2.3	IN1	74S241	74S241	MLATCH	D3
	3C29-02	.i	TOT	20.0	-6.50	4.5	Q0	74S374	74S374	L	B1
	3B11-15(17)	.i	TI	-0.40	0.2	3.7	D1	93425A	93425A	AMEMO	B2
	3B01-17	.i	TI	-0.40	0.5	2.6	IN5	74S241	74S241	ALATCH	D1
	3B03-02	.i	TI	-0.40	0.5	1.8	IN1	74S241	74S241	ALATCH	D3
				-4.40(0.23)/20.0(-6.50)		36.5					
L4	3C26-00	.	TOT	20.0	-6.50		Q3	74S374	74S374	L	B7
	4C03-15(17)	.i	TI	-0.80	0.2	2.7	I	93S48	93S48	L	D5
	4E13-03(05)	.i	TI	-2.0	0.5	6.0	IN1	74S157	74S157	SPCW	C6
	4C26-15(17)	.i	TI	-0.40	0.2	5.6	DI	93425A	93425A	PDI1	D4
	4A24-03(05)	.i	TI	-1.60	0.2	7.7	I0	82S21	82S21	MMFM	D6
	4A08-08	.i	TI	-0.40	0.5	3.5	IN4	74S241	74S241	MLATCH	D8
	3A18-15(17)	.i	TI	-0.40	0.2	6.8	D1	93425A	93425A	AMEM1	D4
	3A04-08	.i	TI	-0.40	0.5	3.5	IN4	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)		44.8					
L5	3C26-06	.	TOT	20.0	-6.50		Q2	74S374	74S374	L	B7
	4C03-01(03)	.i	TI	-0.80	0.2	3.0	I	93S48	93S48	L	D5
	4E13-08(08)	.i	TI	-2.0	0.5	6.5	IN1	74S157	74S157	SPCW	C6
	4D30-15(17)	.i	TI	-0.40	0.2	4.9	DI	93425A	93425A	PDI1	D3
	4A24-14(16)	.i	TI	-1.60	0.2	8.1	I1	82S21	82S21	MMFM	D6
	4A08-06	.i	TI	-0.40	0.5	3.7	IN3	74S241	74S241	MLATCH	D8
	3A23-15(17)	.i	TI	-0.40	0.2	5.5	DI	93425A	93425A	AMEM1	D3
	3A04-06	.i	TI	-0.40	0.5	4.7	IN3	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)		46.4					
L6	4E13-10(12)	.	TI	-2.0	0.5		IN1	74S157	74S157	SPCW	C6
	4D29-15(17)	.i	TI	-0.40	0.2	4.7	DI	93425A	93425A	PDI1	D2
	4A29-03(06)	.i	TI	-1.60	0.2	9.1	I0	82S21	82S21	MMFM	D5
	4A08-04	.i	TI	-0.40	0.5	5.0	IN2	74S241	74S241	MLATCH	D8
	4C03-02(04)	.i	TI	-0.80	0.2	6.0	I	93S48	93S48	L	D5
	3C26-05	.i	TOT	20.0	-6.50	3.1	Q1	74S374	74S374	L	B7
	3A17-15(17)	.i	TI	-0.40	0.2	6.5	DI	93425A	93425A	AMEM1	D2
	3A04-04	.i	TI	-0.40	0.5	4.0	IN2	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)		47.4					
L7	4D28-15(17)	.	TI	-0.40	0.2		DI	93425A	93425A	PDI1	D1
	4E13-13(15)	.i	TI	-2.0	0.5	4.6	IN1	74S157	74S157	SPCW	C6
	3C26-02	.i	TOT	20.0	-6.50	7.5	Q0	74S374	74S374	L	B7
	4C03-03(06)	.i	TI	-0.80	0.2	3.5	I	93S48	93S48	L	D5
	4A29-14(16)	.i	TI	-1.60	0.2	8.3	I1	82S21	82S21	MMFM	D5
	4A08-02	.i	TI	-0.40	0.5	5.2	IN1	74S241	74S241	MLATCH	D8
	3A22-15(17)	.i	TI	-0.40	0.2	5.1	DI	93425A	93425A	AMEM1	D1
	3A04-02	.i	TI	-0.40	0.5	5.2	IN1	74S241	74S241	ALATCH	D8
				-6.0(0.23)/20.0(-6.50)		48.4					
L8	4E12-03(05)	.	TI	-2.0	0.5		IN1	74S157	74S157	SPCW	C4
	4D27-15(17)	.i	TI	-0.40	0.2	4.4	DI	93425A	93425A	PDI1	B8
	4A23-03(05)	.i	TI	-1.60	0.2	9.7	I0	82S21	82S21	MMFM	D4
	4A06-17	.i	TI	-0.40	0.5	4.1	IN5	74S241	74S241	MLATCH	D6
	4C03-04(06)	.i	TI	-0.80	0.2	4.6	I	93S48	93S48	L	D5
	3C27-19	.i	TOT	20.0	-6.50	3.6	Q7	74S374	74S374	L	B5
	3B20-15(17)	.i	TI	-0.40	0.2	5.1	DI	93425A	93425A	AMEM1	B8
	3A02-17	.i	TI	-0.40	0.5	4.0	IN5	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)		44.5					
L9	4E12-06(08)	.	TI	-2.0	0.5		IN1	74S157	74S157	SPCW	C4
	4D26-15(17)	.i	TI	-0.40	0.2	3.9	DI	93425A	93425A	PDI1	B7
	4A23-14(16)	.i	TI	-1.60	0.2	9.9	I1	82S21	82S21	MMFM	D4
	4A06-15	.i	TI	-0.40	0.5	3.8	IN6	74S241	74S241	MLATCH	D6
	4C03-05(07)	.i	TI	-0.80	0.2	4.7	I	93S48	93S48	L	D5
	3C27-16	.i	TOT	20.0	-6.50	3.4	Q6	74S374	74S374	L	B5
	3B25-15(17)	.i	TI	-0.40	0.2	4.8	DI	93425A	93425A	AMEM1	B7
	3A02-15	.i	TI	-0.40	0.5	4.8	IN6	74S241	74S241	ALATCH	D6
				-6.0(0.23)/20.0(-6.50)		44.3					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
LAST BYTE IN WORD												
	3F17-04(07)	.	TO	20.0	-1.0				74S02	74S020	LCC	B1
	3E09-13(16)	i	TI	-2.0	0.5	2.9	IN	74S32	74S32	LCC	B2	
				-2.0(0.5)/20.0(-1.0)								
LC0	2F30-12(15)	.	TI	-2.0	0.5				74S02	74S020	LCC	B6
	1C27-15(17)	.i	TO	20.0	-1.0	9.9	Q3	25S09	25S09	LCC	D8	
	1C21-05(07)	.i	TI	-2.0	0.5	1.3	A0	74S283	74S283	LCC	D6	
	1A07-13(16)	i	IIS	-2.0	0.5	6.7		74S08	74S08	LCC	A1	
				-6.0(0.15)/20.0(-1.0)			20.9					
LC08	3E17-06(09)	.	TI	-2.0	0.5				74S02	74S020	LCC	B1
	2F05-05(08)	.i	TI	-2.0	0.5	12.3		74S86	74S86	LCC	A6	
	1E07-11(14)	.i	TO	20.0	-1.0	7.8		74S08	74S08	LCC	A1	
	1A20-17	i	TI	-0.40	0.5	13.1	IN5	74S241	74S241	LC	D8	
				-4.40(0.15)/20.0(-1.0)			36.2					
LC1	3F17-05(08)	.i	TI	-2.0	0.5				74S02	74S020	LCC	B1
	2F05-04(07)	.i	TI	-2.0	0.5	12.3		74S86	74S86	LCC	A6	
	1C27-10(12)	.i	TO	20.0	-1.0	4.8	Q2	25S09	25S09	LCC	D8	
	1C21-03(05)	.i	TI	-2.0	0.5	2.0	A1	74S283	74S283	LCC	D6	
	1A20-15	i	TI	-0.40	0.5	7.6	IN6	74S241	74S241	LC	D8	
				-6.40(0.20)/20.0(-1.0)			31.2					
LC10	1D29-12(14)	.i	TO	20.0	-1.0		QC	74S169	74S169	LC	B6	
	1D30-02(04)	.i	TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B6	
	1A24-13	i	TI	-0.40	0.5	7.8	IN7	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			10.6					
LC11	1D29-11(13)	.i	TO	20.0	-1.0		OD	74S169	74S169	LC	B6	
	1D30-05(07)	.i	TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B6	
	1A24-11	i	TI	-0.40	0.5	7.8	IN8	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			10.6					
LC12	1D30-11(13)	.i	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B6	
	1C30-14(16)	.i	TO	20.0	-1.0	3.2	QA	74S169	74S169	LC	B4	
	1A24-08	i	TI	-0.40	0.5	5.7	IN4	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			10.4					
LC13	1D30-14(16)	.i	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B6	
	1C30-13(15)	.i	TO	20.0	-1.0	3.2	QB	74S169	74S169	LC	B4	
	1A24-06	i	TI	-0.40	0.5	5.8	IN3	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			10.5					
LC14	1C30-12(14)	.i	TO	20.0	-1.0		QC	74S169	74S169	LC	B4	
	1B26-02(04)	.i	TI	-2.0	0.5	1.5	IN0	74S258	74S258	VMAS	B6	
	1A24-04	i	TI	-0.40	0.5	4.8	IN2	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			7.8					
LC15	1C30-11(13)	.i	TO	20.0	-1.0		OD	74S169	74S169	LC	B4	
	1B26-05(07)	.i	TI	-2.0	0.5	1.5	IN0	74S258	74S258	VMAS	B6	
	1A24-02	i	TI	-0.40	0.5	4.9	IN1	74S241	74S241	LC	D6	
				-2.40(0.10)/20.0(-1.0)			7.9					
LC16	1B26-11(13)	.i	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B6	
	1B28-14(16)	.i	TO	20.0	-1.0	1.5	QA	74S169	74S169	LC	B3	
	1A22-17	i	TI	-0.40	0.5	3.0	IN5	74S241	74S241	LC	D5	
				-2.40(0.10)/20.0(-1.0)			6.0					
LC17	1B26-14(16)	.i	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B6	
	1B28-13(15)	.i	TO	20.0	-1.0	1.5	QB	74S169	74S169	LC	B3	
	1A22-15	i	TI	-0.40	0.5	2.9	IN6	74S241	74S241	LC	D5	
				-2.40(0.10)/20.0(-1.0)			5.9					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80		2103					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
LC18	1B28-12(14) 1B29-02(04) 1A22-13	\	TO	20.0	-1.0		QC	74S169	74S169	LC	B3
			TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B4
			TI	-0.40	0.5	2.0	IN7	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		4.8					
LC19	1B28-11(13) 1B29-05(07) 1A22-11	\	TO	20.0	-1.0		QD	74S169	74S169	LC	B3
			TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B4
			TI	-0.40	0.5	2.1	IN8	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		4.9					
LC2	1A20-13 1C20-02(04) 1C27-07(09) 1C21-14(16)	\	TI	-0.40	0.5		IN7	74S241	74S241	LC	D8
			TI	-2.0	0.5	6.8	IN0	74S258	74S258	VMAS	B8
			TO	20.0	-1.0	1.2	Q1	25S09	25S09	LCC	D8
			TI	-2.0	0.5	2.1	A2	74S283	74S283	LCC	D8
	-4.40(0.15)/20.0(-1.0)		13.1								
LC20	1B29-11(13) 1A20-14(16) 1A22-08	\	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B4
			TO	20.0	-1.0	1.7	QA	74S169	74S169	LC	B2
			TI	-0.40	0.5	1.6	IN4	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		4.8					
LC21	1B29-14(16) 1A26-13(15) 1A22-06	\	TI	-2.0	0.5		IN0	74S258	74S258	VMAS	B4
			TO	20.0	-1.0	1.7	QB	74S169	74S169	LC	B2
			TI	-0.40	0.5	1.8	IN3	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		5.0					
LC22	1A20-12(14) 1A27-02(04) 1A22-04	\	TO	20.0	-1.0		QC	74S169	74S169	LC	B2
			TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B3
			TI	-0.40	0.5	1.5	IN2	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		4.3					
LC23	1A20-11(13) 1A27-05(07) 1A22-02	\	TO	20.0	-1.0		QD	74S169	74S169	LC	B2
			TI	-2.0	0.5	1.3	IN0	74S258	74S258	VMAS	B3
			TI	-0.40	0.5	2.0	IN1	74S241	74S241	LC	D5
				-2.40(0.10)/20.0(-1.0)		4.8					
LC24	2B03-14(16) 1A27-11(13) 1A16-17	\	TO	20.0	-1.0		QA	74S169	74S169	LC	B1
			TI	-2.0	0.5	3.6	IN0	74S258	74S258	VMAS	B3
			TI	-0.40	0.5	3.1	IN5	74S241	74S241	LC	D3
				-2.40(0.10)/20.0(-1.0)		8.2					
LC25	2B03-13(15) 1A27-14(16) 1A16-15	\	TO	20.0	-1.0		QB	74S169	74S169	LC	B1
			TI	-2.0	0.5	3.9	IN0	74S258	74S258	VMAS	B3
			TI	-0.40	0.5	2.6	IN6	74S241	74S241	LC	D3
				-2.40(0.10)/20.0(-1.0)		8.0					
LC3	1A20-11 1C28-05(07) 1C27-02(04) 1C21-12(14)	\	TI	-0.40	0.5		IN8	74S241	74S241	LC	D8
			TI	-2.0	0.5	6.8	IN0	74S258	74S258	VMAS	B8
			TO	20.0	-1.0	1.0	QD	25S09	25S09	LCC	D8
			TI	-2.0	0.5	1.6	A3	74S283	74S283	LCC	D6
	-4.40(0.15)/20.0(-1.0)		12.4								
LC4	2C05-14(16) 1C28-11(13) 1A20-08	\	TO	20.0	-1.0		QA	74S169	74S169	LC	B7
			TI	-2.0	0.5	3.0	IN0	74S258	74S258	VMAS	B8
			TI	-0.40	0.5	7.5	IN4	74S241	74S241	LC	D8
				-2.40(0.10)/20.0(-1.0)		12.0					
LC5	2C05-13(15) 1C28-14(16) 1A20-06	\	TO	20.0	-1.0		QB	74S169	74S169	LC	B7
			TI	-2.0	0.5	3.3	IN0	74S258	74S258	VMAS	B8
			TI	-0.40	0.5	7.5	IN3	74S241	74S241	LC	D8
				-2.40(0.10)/20.0(-1.0)		12.3					

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2103						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
LC6	2C05-12(14)	\	TO	20.0	-1.0		QC	74S160	74S169	LC	B7
	2H01-02(04)	.1	TI	-2.0	0.5	1.5	IN0	74S258	74S258	VMAS	B7
	1A20-04		TI	-0.40	0.5	7.2	IN2	74S241	74S241	LC	D8
				-2.40(0.10)/20.0(-1.0)			10.2				
LC7	2C05-11(13)	\	TO	20.0	-1.0		QD	74S169	74S169	LC	B7
	2H01-05(07)	.1	TI	-2.0	0.5	1.5	IN0	74S258	74S258	VMAS	B7
	1A20-02		TI	-0.40	0.5	7.5	IN1	74S241	74S241	LC	D8
				-2.40(0.10)/20.0(-1.0)			10.5				
LC8	1D29-14(16)	\	TO	20.0	-1.0		QA	74S169	74S169	LC	B6
	2H01-11(13)	.1	TI	-2.0	0.5	5.3	IN0	74S258	74S258	VMAS	B7
	1A24-17		TI	-0.40	0.5	6.3	IN6	74S241	74S241	LC	D6
				-2.40(0.10)/20.0(-1.0)			13.1				
LC9	1D29-13(15)	\	TO	20.0	-1.0		QB	74S169	74S169	LC	B6
	2H01-14(16)	.1	TI	-2.0	0.5	5.1	IN0	74S258	74S258	VMAS	B7
	1A24-15		TI	-0.40	0.5	6.0	IN6	74S241	74S241	LC	D6
				-2.40(0.10)/20.0(-1.0)			12.6				
LCA0	1C27-13(15)	.	TI	-2.0	0.5		D3B	25S09	25S09	LCC	D8
	1C21-04(06)		TO	20.0	-1.0	1.6	S0	74S283	74S283	LCC	D6
				-2.0(0.5)/20.0(-1.0)							
LCA1	1C27-12(14)	.	TI	-2.0	0.5		D2B	25S09	25S09	LCC	D8
	1C21-01(03)		TO	20.0	-1.0	2.0	S1	74S283	74S283	LCC	D6
				-2.0(0.5)/20.0(-1.0)							
LCA2	1C27-05(07)	.	TI	-2.0	0.5		D1B	25S09	25S09	LCC	D8
	1C21-13(15)		TO	20.0	-1.0	1.9	S2	74S283	74S283	LCC	D6
				-2.0(0.5)/20.0(-1.0)							
LCA3	1C27-04(06)	.	TI	-2.0	0.5		D0B	25S09	25S09	LCC	D8
	1C21-10(12)		TO	20.0	-1.0	1.6	S3	74S283	74S283	LCC	D6
				-2.0(0.5)/20.0(-1.0)							
LC BYTE MODE											
	3F08-03	\	TOT	12.0	-2.60		Y0	25LS2519		25LS2519	FLAG D2
	3F05-02(05)	.1	TIS	-2.0	0.5	1.8		74S08	74S08	LCC	B7
	1F07-12(15)		TIS	-2.0	0.5	15.8		74S08	74S08	LCC	A1
	1C15-08(11)	.1	TI	-2.0	0.5	7.5		74S02	74S020	LCC	D5
	1A16-06		TI	-0.40	0.5	4.2	IN3	74S241	74S241	LC	D3
				-6.40(0.20)/12.0(-2.60)			33.8				
LCDRIVE	2A04-08(11)	\	TO	20.0	-1.0			74S08	74S08	LC	D1
	1A24-19	.1	TI	-2.0	0.5	4.9	ENB	74S241	74S241	LC	D6
	1A22-19		TI	-2.0	0.5	1.4	FNB	74S241	74S241	LC	D5
	1A16-19	.1	TI	-2.0	0.5	1.7	FNR	74S241	74S241	LC	D3
	1A20-19		TI	-2.0	0.5	2.4	ENB	74S241	74S241	LC	D8
				-8.0(0.20)/20.0(-1.0)			14.9				
-LCDRIVE											
	1A20-01	\	TI	-2.0	0.5		-ENB	74S241	74S241	LC	D8
	1A24-01	.1	TI	-2.0	0.5	1.7	-ENB	74S241	74S241	LC	D6
	1A18-06(09)		TO	20.0	-1.0	1.0		74S00	74S00	LC	C1
	1A22-01	.1	TI	-2.0	0.5	1.0	-FNR	74S241	74S241	LC	D5
	1A16-01		TI	-2.0	0.5	1.7	-ENB	74S241	74S241	LC	D3
				-8.0(0.20)/20.0(-1.0)			9.9				
LCINC	1C21-07(09)	.	TI	-2.0	0.5		CIN	74S283	74S283	LCC	D6
	3F07-13(16)		TIS	-2.0	0.5	14.2		74S00	74S00	LCC	C1
	3F16-13(16)	.1	TIS	-2.0	0.5	4.3		74S64	74S64	VCTL1	D8
	4E03-11(14)		TO	20.0	-1.0	6.7	OUT	74S32	74S32	LCC	D2
				-6.0(0.15)/20.0(-1.0)			28.2				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-LC1NC	3E17-10(13)	\	TO	20.0	-1.0			74S02	74S02	LCC	D2
	3E11-09(12)	.1	TIS	-2.0	0.5	1.6		74S00	74S00	LCC	A1
	1C15-09(12)	i	TI	-2.0	0.5	18.5		74S02	74S020	LCC	D5
				-4.0(0.10)/20.0(-1.0)		21.6					
-LC MODIFIES MROT	3E11-03(06)	\	TO	20.0	-1.0			74S00	74S00	LCC	A6
	2E30-08(11)	.1	TI	-2.0	0.5	5.2		74S02	74S020	LCC	A7
	2E30-11(14)	i	TI	-2.0	0.5	.7		74S02	74S020	LCC	D6
				-4.0(0.10)/20.0(-1.0)		7.4					
-LCRY11	1D29-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	LC	B6
	1C30-10(12)	i	TI	-4.0	0.10	3.7	-ENBT	74S169	74S169	LC	B4
				-4.0(0.10)/20.0(-1.0)							
-LCRY15	1C30-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	LC	B4
	1B28-10(12)	i	TI	-4.0	0.10	2.2	-ENBT	74S169	74S169	LC	B3
				-4.0(0.10)/20.0(-1.0)							
-LCRY19	1B28-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	LC	B3
	1A26-10(12)	i	TI	-4.0	0.10	2.2	-ENBT	74S169	74S169	LC	B2
				-4.0(0.10)/20.0(-1.0)							
-LCRY23	2B03-10(12)	.	TI	-4.0	0.10		-ENBT	74S169	74S169	LC	B1
	1A26-15(17)	i	TO	20.0	-1.0	4.0	-CO	74S169	74S169	LC	B2
				-4.0(0.10)/20.0(-1.0)							
LCRY3	2C02-01(04)	.	TI	-2.0	0.5			74S04	74S04A	CLOCKD	C1
	1C21-09(11)	i	TO	10.0	-0.50	3.7	COU	74S283	74S283	LCC	D6
				-2.0(0.5)/10.0(-0.50)							
-LCRY3	2C05-10(12)	.	TI	-4.0	0.10		-ENBT	74S169	74S169	LC	B7
	2C02-02(05)	i	TO	20.0	-1.0	1.7		74S04	74S04A	CLOCKD	C1
				-4.0(0.10)/20.0(-1.0)							
-LCRY7	2C05-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	LC	B7
	1D29-10(12)	i	TI	-4.0	0.10	4.3	-ENBT	74S169	74S169	LC	B6
				-4.0(0.10)/20.0(-1.0)							
LM DRIVE ENB	2E31-19	\					CON		CPINS	B1	
	1E06-05(08)	.1	TIS	-2.0	0.5	6.7		74S00	74S00	VCTL2	C2
	1E06-02(05)	i	TIS	-2.0	0.5	.7		74S00	74S00	VCTL2	C2
				-4.0/0.0		8.9					
LOADMD	1D18-08(11)	\	TO	20.0	-1.0			74S04	74S04	MD	D1
	1D16-05(08)	.1	TIS	(-2.0)	0.5	1.2		74S51	74S51	MD	D2
	1D16-04(07)	i	TIS	-2.0	0.5	BARE		74S51	74S51	MD	D2
				-2.0(0.10)/20.0(-1.0)		2.8					
-LOADMD	2C2503-04(06)	\	IZ	-15.0	0.0			SIP330/470-8	SIP330/470-8	BCTERM	D8
	1D18-09(12)	.1	TI	-2.0	0.5	10.5		74S04	74S04	MD	D1
	1C31-19	i					CON	BCPTNS	U5		
				-17.0/0.0		17.6	HEAVILY LOADED 0				
LPARITY	4B27-03(05)	\	TI	-1.60	0.2		IO	82S21	82S21	MME	B1
	4C09-09(11)	.1	IO	20.0	-1.0	4.8	E	93S48	93S48	L	D7
	4C10-15(17)	.1	TI	-0.40	0.2	1.2	DI	93425A	93425A	PDLO	B1
	3B06-15(17)	.1	TI	-0.40	0.2	8.8	DI	93425A	93425A	AMEMO	B1
	3B01-15	i	TI	-0.40	0.5	1.3	ING	74S241	74S241	ALATCH	D1
				-2.80(0.11)/20.0(-1.0)		20.6					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-LPARITY	4C09-10(12)		TO	20.0	-1.0		0	93S48	93S48	L	ONE PIN RUN D7	0
			TO	20.0	-1.0	1.5		93S48	93S48	L	UNUSED EXTRA OUTPUT D7	0
			TO	-0.80	0.2		I	93S48	93S48	L	D7	
LPARL	4C09-11(13) 4C03-09(11)	i	TO	20.0	-1.0	1.5	E	93S48	93S48	L	D6	
			TO	-0.80(0.2)	20.0	(-1.0)						
-I PARM	4C09-12(14) 4C08-10(12)	i	TO	20.0	-1.0	1.0	I	93S48	93S48	L	D7	
			TO	20.0	-1.0	1.0	0	93S48	93S48	L	D6	
			TO	-0.80(0.2)	20.0	(-1.0)						
LPC.HOLD	4FJ1-18						CON		CPINS	B8		
	4F08-01(03)	i	TI	-2.0	0.5	3.1	-ENB	25S07	25S07	LPC	B1	
	4F07-01(03)	i	TI	-2.0	0.5	.9	-ENB	25S07	25S07	LPC	B3	
	4F06-01(03)	i	TI	-2.0	0.5	.9	-ENB	25S07	25S07	LPC	B4	
			TI	-6.0/0.0		7.9						
LPC0	4F08-15(17) 4E09-03(05)	i	TO	20.0	-1.0		05	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	5.0	IN1	74S157	74S157	LPC	D8	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC1	4F06-12(14) 4F09-06(08)	i	TO	20.0	-1.0		04	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	5.0	IN1	74S157	74S157	LPC	D8	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC10	4F07-05(07) 4E07-10(12)	i	TO	20.0	-1.0		01	25S07	25S07	LPC	B3	
			TI	-2.0	0.5	2.9	IN1	74S157	74S157	LPC	D4	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC11	4F07-02(04) 4F07-13(15)	i	TO	20.0	-1.0		00	25S07	25S07	LPC	B3	
			TI	-2.0	0.5	2.9	IN1	74S157	74S157	LPC	D4	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC12	4F08-15(17) 4F06-03(05)	i	TO	20.0	-1.0		05	25S07	25S07	LPC	B1	
			TI	-2.0	0.5	2.5	IN1	74S157	74S157	LPC	D2	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC13	4F08-12(14) 4F06-06(08)	i	TO	20.0	-1.0		04	25S07	25S07	LPC	B1	
			TI	-2.0	0.5	2.5	IN1	74S157	74S157	LPC	D2	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC2	4F06-10(12) 4E09-10(12)	i	TO	20.0	-1.0		03	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	4.6	IN1	74S157	74S157	LPC	D8	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC3	4F08-07(09) 4E09-13(15)	i	TO	20.0	-1.0		02	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	4.4	IN1	74S157	74S157	LPC	D8	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC4	4F06-05(07) 4F08-03(05)	i	TO	20.0	-1.0		01	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	4.2	IN1	74S157	74S157	LPC	D6	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC5	4F06-02(04) 4F08-06(08)	i	TO	20.0	-1.0		00	25S07	25S07	LPC	B4	
			TI	-2.0	0.5	4.2	IN1	74S157	74S157	LPC	D6	
			TI	-2.0(0.5)	20.0	(-1.0)						
LPC6	4F07-15(17) 4E08-10(12)	i	TO	20.0	-1.0		05	25S07	25S07	LPC	B3	
			TI	-2.0	0.5	3.7	IN1	74S157	74S157	LPC	D8	
			TI	-2.0(0.5)	20.0	(-1.0)						

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
LPC7	4F07-12(14)	.	TO	20.0	-1.0			Q4	25S07	25S07	LPC	B3
	4E08-13(15)	.	TI	-2.0	0.5	3.7		IN1	74S157	74S157	LPC	D6
				-2.0(0.5)/20.0(-1.0)								
LPC8	4F07-10(12)	.	TO	20.0	-1.0			Q3	26S07	26S07	LPC	B3
	4E07-03(05)	.	TI	-2.0	0.5	3.5		IN1	74S157	74S157	LPC	D4
				-2.0(0.5)/20.0(-1.0)								
LPC9	4F07-07(09)	.	TO	20.0	-1.0			Q2	25S07	25S07	LPC	B3
	4E07-06(08)	.	TI	-2.0	0.5	3.2		IN1	74S157	74S157	LPC	D4
				-2.0(0.5)/20.0(-1.0)								
-LVM022	1D17-01(04)	.	TIS	-2.0	0.5				74S00	74S00	VCTL1	B5
	1D14-05	.	TOT	20.0	-6.50	1.9		Q1	74S373	74S373	VMEMDR	D5
				-2.0(0.5)/20.0(-6.50)								
-LVM023	1D26-03(06)	.	TI	-2.0	0.5				74S04	74S04A	VCTL2	A7
	1D14-02	.	TOT	20.0	-6.50	4.4		Q0	74S373	74S373	VMEMDR	D5
				-2.0(0.5)/20.0(-6.50)								
M0	4A14-11(13)	.	TI	-0.80	0.2			I	93S48	93S48	APAR	D1
	4A15-17	.	TI	-0.20	0.2	1.1		IN5	74LS244	74LS244	SPY2	D6
	4A10-19	.	TOT	20.0	-6.50	1.7		Q7	74S373	74S373	SPCI CH	B8
	4A05-19	.	TOT	20.0	-6.50	1.5		Q7	74S373	74S373	MLATCH	B8
	4A04-19	.	TOT	20.0	-6.50	.9		Q7	74S373	74S373	PLATCH	D8
	4B06-18	.	TI	-0.25	0.5	4.8		D7	74S374	74S374	IWR	D8
	2C26-04(06)	.	TI	-2.0	0.5	12.4		I0	25S10	25S10	SHIFT0	B1
	2B28-02(2B26-16)	.	TI	-6.0	0.15	2.9		A0	74S181	74S181	ALUO	D7
	1A25-03	.	TOT	64.0	-15.0	11.3		OUT5	74S241	74S241	MF	C8
				-9.25(0.29)/20.0(-6.50)			47.1					
	M1	4A14-12(14)	.	TI	-0.80	0.2			I	93S48	93S48	APAR
4A15-15		.	TI	-0.20	0.2	1.0		IN6	74LS244	74LS244	SPY2	D6
4A10-16		.	TOT	20.0	-6.50	1.6		Q6	74S373	74S373	SPCI CH	B8
4A05-16		.	TOT	20.0	-6.50	1.5		Q6	74S373	74S373	MLATCH	B8
4A04-16		.	TOT	20.0	-6.50	.9		Q6	74S373	74S373	PLATCH	D8
4B06-17		.	TI	-0.25	0.5	4.8		D6	74S374	74S374	IWR	D8
2D30-01(03)		.	TI	-2.0	0.5	13.0		I-3	25S10	25S10	SHIFT0	B2
2C26-05(07)		.	TI	-2.0	0.5	1.3		I1	25S10	25S10	SHIFT0	B1
2B28-23(2B26-14)		.	TI	-6.0	0.15	2.8		A1	74S181	74S181	ALUO	D7
1A25-05		.	TOT	64.0	-15.0	11.3		OUT16	74S241	74S241	MF	C8
				-11.25(0.34)/20.0(-6.50)			50.2					
M10	4A13-13	.	TI	-0.20	0.2			IN7	74LS244	74LS244	SPY2	D5
	4A14-06(08)	.	TI	-0.80	0.2	1.2		I	93S48	93S48	APAR	D1
	4A09-15	.	TOT	20.0	-6.50	1.8		Q5	74S373	74S373	SPCI CH	B7
	4A03-15	.	TOT	20.0	-6.50	1.7		Q5	74S373	74S373	MLATCH	B6
	4A02-15	.	TOT	20.0	-6.50	.9		Q5	74S373	74S373	PLATCH	D6
	4B01-14	.	TI	-0.25	0.5	3.7		D5	74S374	74S374	IWR	D6
	2D25-02(04)	.	TI	-2.0	0.5	13.2		I-2	25S10	25S10	SHIFT0	D2
	2C21-06(08)	.	TI	-2.0	0.5	1.3		I2	25S10	25S10	SHIFT0	D1
	2B23-21(2B21-08)	.	TI	-6.0	0.15	3.1		A2	74S181	74S181	ALUO	D3
	1A23-07	.	TOT	64.0	-15.0	9.7		OUT7	74S241	74S241	MF	C6
				-11.25(0.34)/20.0(-6.50)			48.6					
M11	4A13-11	.	TI	-0.20	0.2			IN8	74LS244	74LS244	SPY2	D5
	4A14-07(09)	.	TI	-0.80	0.2	1.3		I	93S48	93S48	APAR	D1
	4A09-12	.	TOT	20.0	-6.50	1.6		Q4	74S373	74S373	SPCI CH	B7
	4A03-12	.	TOT	20.0	-6.50	1.7		Q4	74S373	74S373	MLATCH	B6
	4A02-12	.	TOT	20.0	-6.50	.9		Q4	74S373	74S373	PLATCH	D6
	4B01-13	.	TI	-0.25	0.5	3.7		D4	74S374	74S374	IWR	D6
	2D25-03(05)	.	TI	-2.0	0.5	13.2		I-1	25S10	25S10	SHIFT0	D2
	2C21-07(09)	.	TI	-2.0	0.5	1.3		I3	25S10	25S10	SHIFT0	D1
	2B23-19(2B22-13)	.	TI	-6.0	0.15	3.4		A3	74S181	74S181	ALUO	D3
	1A23-09	.	TOT	64.0	-15.0	9.4		OUT8	74S241	74S241	MF	C6
				-11.25(0.34)/20.0(-6.50)			48.5					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
M12	4A12-11(13)	.1	TI	-0.80	0.2		I	93S48	93S48	APAR	D3
	4A13-08	.1	TI	-0.20	0.2	1.2	IN4	74LS244	74LS244	SPY2	D5
	4A09-09	.1	TOT	20.0	-6.50	1.6	Q3	74S373	74S373	SPCLCH	B7
	4A03-09	.1	TOT	20.0	-6.50	1.7	Q3	74S373	74S373	MLATCH	B6
	4A02-09	.1	TOT	20.0	-6.50	.9	Q3	74S373	74S373	PLATCH	D6
	4B01-08	.1	TI	-0.25	0.5	3.7	D3	74S374	74S374	IWR	D6
	2D25-04(08)	.1	TI	-2.0	0.5	13.2	I0	25S10	25S10	SHIFT0	D2
	2A23-02(2A21-16)	.1	TI	-6.0	0.15	6.2	A0	74S181	74S181	ALU0	D2
	1A23-12	.1	TOT	64.0	-15.0	8.2	OUT14	74S241	74S241	MF	C6
M13	4A12-12(14)	.1	TI	-0.80	0.2		I	93S48	93S48	APAR	D3
	4A13-06	.1	TI	-0.20	0.2	1.3	IN3	74LS244	74LS244	SPY2	D5
	4A09-06	.1	TOT	20.0	-6.50	1.7	Q2	74S373	74S373	SPCLCH	B7
	4A03-06	.1	TOT	20.0	-6.50	1.7	Q2	74S373	74S373	MLATCH	B6
	4A02-06	.1	TOT	20.0	-6.50	.9	Q2	74S373	74S373	PLATCH	D6
	4B01-07	.1	TI	-0.25	0.5	3.7	D2	74S374	74S374	IWR	D6
	2A23-23(2A21-14)	.1	TI	-6.0	0.15	12.7	A1	74S181	74S181	ALU0	D2
	2D25-06(07)	.1	TI	-2.0	0.5	6.2	I1	25S10	25S10	SHIFT0	D2
	2C06-01(03)	.1	TI	-2.0	0.5	4.2	I-3	25S10	25S10	SHIFT1	B1
	1A23-14	.1	TOT	64.0	-15.0	8.0	OUT3	74S241	74S241	MF	C6
											-11.25(0.34)/20.0(-6.50) 52.4
M14	4A12-13(15)	.1	TI	-0.80	0.2		I	93S48	93S48	APAR	D3
	4A13-04	.1	TI	-0.20	0.2	1.3	IN2	74LS244	74LS244	SPY2	D5
	4A09-05	.1	TOT	20.0	-6.50	1.6	Q1	74S373	74S373	SPCLCH	B7
	4A03-05	.1	TOT	20.0	-6.50	1.7	Q1	74S373	74S373	MLATCH	B6
	4A02-05	.1	TOT	20.0	-6.50	.9	Q1	74S373	74S373	PLATCH	D6
	4B01-04	.1	TI	-0.25	0.5	3.7	D1	74S374	74S374	IWR	D6
	2A23-21(2A21-08)	.1	TI	-6.0	0.15	12.4	A2	74S181	74S181	ALU0	D2
	2D25-06(08)	.1	TI	-2.0	0.5	6.5	I2	25S10	25S10	SHIFT0	D2
	2C06-02(04)	.1	TI	-2.0	0.5	4.2	I-2	25S10	25S10	SHIFT1	B1
	1A23-16	.1	TOT	64.0	-15.0	8.2	OUT2	74S241	74S241	MF	C6
											-11.25(0.34)/20.0(-6.50) 52.5
M15	4B01-03	.1	TI	-0.25	0.5		D0	74S374	74S374	IWR	D6
	4A12-14(16)	.1	TI	-0.80	0.2	4.2	I	93S48	93S48	APAR	D3
	4A13-02	.1	TI	-0.20	0.2	1.3	IN1	74LS244	74LS244	SPY2	D5
	4A09-02	.1	TOT	20.0	-6.50	1.7	Q0	74S373	74S373	SPCLCH	B7
	4A03-02	.1	TOT	20.0	-6.50	1.7	Q0	74S373	74S373	MLATCH	B6
	4A02-02	.1	TOT	20.0	-6.50	.9	Q0	74S373	74S373	PLATCH	D6
	2A23-19(2A22-13)	.1	TI	-6.0	0.15	11.9	A3	74S181	74S181	ALU0	D2
	2D25-07(09)	.1	TI	-2.0	0.5	6.7	I3	25S10	25S10	SHIFT0	D2
	2C06-03(05)	.1	TI	-2.0	0.5	4.2	I-1	25S10	25S10	SHIFT1	B1
	1A23-18	.1	TOT	64.0	-15.0	8.3	OUT1	74S241	74S241	MF	C6
											-11.25(0.34)/20.0(-6.50) 52.9
M16	4B13-17	.1	TI	-0.20	0.2		IN5	74LS244	74LS244	SPY2	D4
	4A12-15(17)	.1	TI	-0.80	0.2	2.6	I	93S48	93S48	APAR	D3
	4A07-19	.1	TOT	20.0	-6.50	1.7	Q7	74S373	74S373	SPCLCH	B5
	4A01-19	.1	TOT	20.0	-6.50	1.7	Q7	74S373	74S373	MLATCH	B5
	4B05-19	.1	TOT	20.0	-6.50	1.1	Q7	74S373	74S373	PLATCH	D5
	4C05-18	.1	TI	-0.25	0.5	3.2	D7	74S374	74S374	IWR	D5
	2B13-02(2B11-16)	.1	TI	-6.0	0.15	14.5	A0	74S181	74S181	ALU1	D8
	2C06-04(06)	.1	TI	-2.0	0.5	3.0	I0	25S10	25S10	SHIFT1	B1
	1A21-03	.1	TOT	64.0	-15.0	7.9	OUT5	74S241	74S241	MF	C3
M17	4B13-15	.1	TI	-0.20	0.2		IN6	74LS244	74LS244	SPY2	D4
	4A12-01(03)	.1	TI	-0.80	0.2	3.0	I	93S48	93S48	APAR	D3
	4A07-16	.1	TOT	20.0	-6.50	1.4	Q6	74S373	74S373	SPCLCH	B5
	4A01-16	.1	TOT	20.0	-6.50	1.7	Q6	74S373	74S373	MLATCH	B5
	4B05-16	.1	TOT	20.0	-6.50	1.1	Q6	74S373	74S373	PLATCH	D5
	4C05-17	.1	TI	-0.25	0.5	3.2	D6	74S374	74S374	IWR	D5
	2B13-23(2B11-14)	.1	TI	-6.0	0.15	14.4	A1	74S181	74S181	ALU1	D8
	2C06-05(07)	.1	TI	-2.0	0.5	3.1	I1	25S10	25S10	SHIFT1	B1
	2D10-01(03)	.1	TI	-2.0	0.5	1.3	I-3	25S10	25S10	SHIFT1	B2
	1A21-05	.1	TOT	64.0	-15.0	8.1	OUT6	74S241	74S241	MF	C3
											-11.25(0.34)/20.0(-6.50) 49.3

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
M18	4B13-13	.	TI	-0.20	0.2		IN7	74LS244	74LS244	SPY2	D4
	4A12-02(04)	.i	TI	-0.80	0.2	3.0	I	93S48	93S48	APAR	D3
	4A07-15	.i	TOT	20.0	-6.50	1.4	05	74S373	74S373	SPCLCH	B5
	4A01-15	.i	TOT	20.0	-6.50	1.7	05	74S373	74S373	PLATCH	B5
	4B05-15	.i	TOT	20.0	-6.50	1.1	05	74S373	74S373	PLATCH	D5
	4C05-14	.i	TI	-0.25	0.5	3.2	D5	74S374	74S374	IWR	D5
	2B13-21(2B11-08)	.i	TI	-6.0	0.15	14.6	A2	74S181	74S181	ALU1	D8
	2C06-06(08)	.i	TI	-2.0	0.5	3.4	I2	25S10	25S10	SHIFT1	B1
	2D10-02(04)	.i	TI	-2.0	0.5	1.3	I-2	25S10	25S10	SHIFT1	B2
	1A21-07	.i	TOT	64.0	-15.0	8.0	OUT7	74S241	74S241	MF	C3
				-11.25(0.34)/20.0(-6.50)				49.7			
M19	4B13-11	.	TI	-0.20	0.2		IN8	74LS244	74LS244	SPY2	D4
	4A12-03(05)	.i	TI	-0.80	0.2	3.0	I	93S48	93S48	APAR	D3
	4A07-12	.i	TOT	20.0	-6.50	1.2	04	74S373	74S373	SPCLCH	B5
	4A01-12	.i	TOT	20.0	-6.50	1.7	04	74S373	74S373	PLATCH	B5
	4B05-12	.i	TOT	20.0	-6.50	1.1	04	74S373	74S373	PLATCH	D5
	4C05-13	.i	TI	-0.25	0.5	3.2	D4	74S374	74S374	IWR	D5
	2B13-19(2B12-13)	.i	TI	-6.0	0.15	14.8	A3	74S181	74S181	ALU1	D8
	2C06-07(09)	.i	TI	-2.0	0.5	3.5	I3	25S10	25S10	SHIFT1	B1
	2D10-03(05)	.i	TI	-2.0	0.5	1.3	I-1	25S10	25S10	SHIFT1	B2
	1A21-09	.i	TOT	64.0	-15.0	8.0	OUT8	74S241	74S241	MF	C3
				-11.25(0.34)/20.0(-6.50)				49.8			
M2	1A25-07	.	TOT	64.0	-15.0		OUT7	74S241	74S241	MF	C8
	2B28-21(2B26-08)	.i	TI	-6.0	0.15	11.1	A2	74S181	74S181	ALU0	D7
	2C26-06(08)	.i	TI	-2.0	0.5	3.1	I2	25S10	25S10	SHIFT0	B1
	2D30-02(04)	.i	TI	-2.0	0.5	1.3	I-2	25S10	25S10	SHIFT0	B2
	4B06-14	.i	TI	-0.25	0.5	13.2	D5	74S374	74S374	IWR	D8
	4A14-13(15)	.i	TI	-0.80	0.2	4.8	I	93S48	93S48	APAR	D1
	4A15-13	.i	TI	-0.20	0.2	1.0	IN7	74LS244	74LS244	SPY2	D6
	4A10-15	.i	TOT	20.0	-6.50	1.7	05	74S373	74S373	SPCLCH	B8
	4A05-15	.i	TOT	20.0	-6.50	1.5	05	74S373	74S373	PLATCH	B8
	4A04-15	.i	TOT	20.0	-6.50	.9	05	74S373	74S373	PLATCH	D8
				-11.25(0.34)/20.0(-6.50)				50.6			
M20	4B05-09	.i	TOT	20.0	-6.50		03	74S373	74S373	PLATCH	D5
	4A01-09	.i	TOT	20.0	-6.50	1.1	03	74S373	74S373	PLATCH	B5
	4A07-09	.i	TOT	20.0	-6.50	1.7	03	74S373	74S373	SPCLCH	B5
	4A12-04(06)	.i	TI	-0.80	0.2	1.2	I	93S48	93S48	APAR	D3
	4B13-08	.i	TI	-0.20	0.2	2.7	IN4	74LS244	74LS244	SPY2	D4
	4C05-08	.i	TI	-0.25	0.5	3.2	D3	74S374	74S374	IWR	D5
	2D10-04(06)	.i	TI	-2.0	0.5	16.2	I0	25S10	25S10	SHIFT1	B2
	2A13-02(2A11-16)	.i	TI	-6.0	0.15	6.3	A0	74S181	74S181	ALU1	D6
	1A21-12	.i	TOT	64.0	-15.0	5.9	OUT4	74S241	74S241	MF	C3
				-9.25(0.29)/20.0(-6.50)				48.8			
M21	4C05-07	.	TI	-0.25	0.5		D2	74S374	74S374	IWR	D5
	4B13-06	.i	TI	-0.20	0.2	3.2	IN3	74LS244	74LS244	SPY2	D4
	4A12-05(07)	.i	TI	-0.80	0.2	2.7	I	93S48	93S48	APAR	D3
	4A07-06	.i	TOT	20.0	-6.50	1.6	02	74S373	74S373	SPCLCH	B5
	4A01-06	.i	TOT	20.0	-6.50	1.7	02	74S373	74S373	PLATCH	B5
	4B05-06	.i	TOT	20.0	-6.50	1.1	02	74S373	74S373	PLATCH	D5
	2A13-23(2A11-14)	.i	TI	-6.0	0.15	14.6	A1	74S181	74S181	ALU1	D6
	1A21-14	.i	TOT	64.0	-15.0	6.3	OUT3	74S241	74S241	MF	C3
	2C01-01(03)	.i	TI	-2.0	0.5	6.5	I-3	25S10	25S10	SHIFT1	D1
	2D10-05(07)	.i	TI	-2.0	0.5	2.1	I1	25S10	25S10	SHIFT1	B2
				-11.25(0.34)/20.0(-6.50)				51.8			
M22	4C05-04	.	TI	-0.25	0.5		D1	74S374	74S374	IWR	D5
	4B13-04	.i	TI	-0.20	0.2	3.2	IN2	74LS244	74LS244	SPY2	D4
	4A12-06(08)	.i	TI	-0.80	0.2	2.7	I	93S48	93S48	APAR	D3
	4A07-05	.i	TOT	20.0	-6.50	1.8	01	74S373	74S373	SPCLCH	B5
	4A01-05	.i	TOT	20.0	-6.50	1.7	01	74S373	74S373	PLATCH	B5
	4B05-05	.i	TOT	20.0	-6.50	1.1	01	74S373	74S373	PLATCH	D5
	2A13-21(2A11-08)	.i	TI	-6.0	0.15	14.4	A2	74S181	74S181	ALU1	D6
	2D10-06(08)	.i	TI	-2.0	0.5	6.6	I2	25S10	25S10	SHIFT1	B2
	2C01-02(04)	.i	TI	-2.0	0.5	2.1	I-2	25S10	25S10	SHIFT1	D1
	1A21-16	.i	TOT	64.0	-15.0	6.7	OUT2	74S241	74S241	MF	C3
				-11.25(0.34)/20.0(-6.50)				52.3			

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2104						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
M23	4C05-03	.	II	-0.25	0.5		D0	74S374	74S374	IWR	D5
	4B13-02	.1	II	-0.20	0.2	3.2	IN1	74LS244	74LS244	SPY2	D4
	4A12-07(09)	.1	II	-0.80	0.2	2.8	I	93S48	93S48	APAR	D3
	4A07-02	.1	TOT	20.0	-6.50	2.2	00	74S373	74S373	SPCLCH	B5
	4A01-02	.1	TOT	20.0	-6.50	1.7	00	74S373	74S373	PLATCH	B6
	4B05-02	.1	TOT	20.0	-6.50	1.1	00	74S373	74S373	PLATCH	D5
	2A13-19(2A12-13)	.1	II	-6.0	0.15	14.1	A3	74S181	74S181	ALU1	D6
	2D10-07(09)	.1	II	-2.0	0.5	6.8	I3	25S10	25S10	SHIFT1	B2
	2C01-03(05)	.1	II	-2.0	0.5	2.1	I-1	25S10	25S10	SHIFT1	D1
	1A21-18	.1	TOT	64.0	-15.0	6.9	OUT1	74S241	74S241	MF	C3
				-11.25(0.34)/20.0(-6.50)				52.9			
M24	4B17-17	\	II	-0.20	0.2		IN5	74LS244	74LS244	SPY2	D2
	4B15-14(16)	.1	II	-0.80	0.2	2.3	I	93S48	93S48	APAR	D5
	4B10-03	.1	TOT	64.0	-15.0	1.8	OUT5	74S241	74S241	SPCLCH	D8
	4B04-19	.1	TOT	20.0	-6.50	1.9	07	74S373	74S373	PLATCH	B3
	4B03-19	.1	TOT	20.0	-6.50	.9	07	74S373	74S373	PLATCH	D3
	4C04-18	.1	II	-0.25	0.5	2.7	D7	74S374	74S374	IWR	D4
	2B08-02(2B06-16)	.1	II	-6.0	0.15	15.6	A0	74S181	74S181	ALU1	D4
	2C01-04(06)	.1	II	-2.0	0.5	3.0	I0	25S10	25S10	SHIFT1	D1
	1B24-03	.1	TOT	64.0	-15.0	6.2	OUT5	74S241	74S241	MF	C1
				-0.25(0.29)/20.0(-6.50)				44.9			
M25	4B17-15	.	II	-0.20	0.2		IN6	74LS244	74LS244	SPY2	D2
	4B15-15(17)	.1	II	-0.80	0.2	2.4	I	93S48	93S48	APAR	D5
	4B10-05	.1	TOT	64.0	-15.0	1.5	OUT6	74S241	74S241	SPCLCH	D8
	4B04-16	.1	TOT	20.0	-6.50	1.8	06	74S373	74S373	PLATCH	B3
	4B03-16	.1	TOT	20.0	-6.50	.9	06	74S373	74S373	PLATCH	D3
	4C04-17	.1	II	-0.25	0.5	2.7	D6	74S374	74S374	IWR	D4
	2B08-23(2B06-14)	.1	II	-6.0	0.15	15.5	A1	74S181	74S181	ALU1	D4
	2C01-05(07)	.1	II	-2.0	0.5	3.1	I1	25S10	25S10	SHIFT1	D1
	2D05-01(03)	.1	II	-2.0	0.5	1.3	I-3	25S10	25S10	SHIFT1	D2
	1B24-05	.1	TOT	64.0	-15.0	6.5	OUT6	74S241	74S241	MF	C1
				-11.25(0.34)/20.0(-6.50)				47.7			
M26	4B17-13	.	II	-0.20	0.2		IN7	74LS244	74LS244	SPY2	D2
	4B15-01(03)	.1	II	-0.80	0.2	2.0	I	93S48	93S48	APAR	D5
	4B10-07	.1	TOT	64.0	-15.0	1.1	OUT7	74S241	74S241	SPCLCH	D8
	4B04-15	.1	TOT	20.0	-6.50	1.9	05	74S373	74S373	PLATCH	B3
	4B03-15	.1	TOT	20.0	-6.50	.9	05	74S373	74S373	PLATCH	D3
	4C04-14	.1	II	-0.25	0.5	2.7	D5	74S374	74S374	IWR	D4
	2B08-71(2B06-08)	.1	II	-6.0	0.15	15.8	A2	74S181	74S181	ALU1	D4
	2C01-06(08)	.1	II	-2.0	0.5	3.4	I2	25S10	25S10	SHIFT1	D1
	2D05-02(04)	.1	II	-2.0	0.5	1.3	I-2	25S10	25S10	SHIFT1	D2
	1B24-07	.1	TOT	64.0	-15.0	6.4	OUT7	74S241	74S241	MF	C1
				-11.25(0.34)/20.0(-6.50)				48.4			
M27	4B17-11	.	II	-0.20	0.2		IN8	74LS244	74LS244	SPY2	D2
	4B15-02(04)	.1	II	-0.80	0.2	2.9	I	93S48	93S48	APAR	D5
	4B10-09	.1	TOT	64.0	-15.0	1.0	OUT8	74S241	74S241	SPCLCH	D8
	4B04-12	.1	TOT	20.0	-6.50	1.8	04	74S373	74S373	PLATCH	B3
	4B03-12	.1	TOT	20.0	-6.50	.9	04	74S373	74S373	PLATCH	D3
	4C04-13	.1	II	-0.25	0.5	2.7	D4	74S374	74S374	IWR	D4
	2B08-19(2B07-13)	.1	II	-6.0	0.15	15.9	A3	74S181	74S181	ALU1	D4
	2C01-07(09)	.1	II	-2.0	0.5	3.5	I3	25S10	25S10	SHIFT1	D1
	2D05-03(05)	.1	II	-2.0	0.5	1.3	I-1	25S10	25S10	SHIFT1	D2
	1B24-09	.1	TOT	64.0	-15.0	6.4	OUT8	74S241	74S241	MF	C1
				-11.25(0.34)/20.0(-6.50)				48.4			
M28	4B17-08	\	II	-0.20	0.2		IN4	74LS244	74LS244	SPY2	D2
	4B15-03(05)	.1	II	-0.80	0.2	2.5	I	93S48	93S48	APAR	D5
	4B10-12	.1	TOT	64.0	-15.0	1.2	OUT4	74S241	74S241	SPCLCH	D8
	4B04-09	.1	TOT	20.0	-6.50	1.6	03	74S373	74S373	PLATCH	B3
	4B03-09	.1	TOT	20.0	-6.50	.9	03	74S373	74S373	PLATCH	D3
	4C04-08	.1	II	-0.25	0.5	2.7	D3	74S374	74S374	IWR	D4
	2A08-02(2A06-16)	.1	II	-6.0	0.15	15.5	A0	74S181	74S181	ALU1	D3
	1B24-12	.1	TOT	64.0	-15.0	5.0	OUT4	74S241	74S241	MF	C1
	2D05-04(06)	.1	II	-2.0	0.5	6.2	I0	25S10	25S10	SHIFT1	D2
				-0.25(0.29)/20.0(-6.50)				47.1			

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2104							
SIGNAL	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
M29	4B17-06	.	TI	-0.20	0.2		IN3	74LS244	74LS244	SPY2	D2
	4B15-04(08)	.1	TI	-0.80	0.2	2.3	I	93S48	93S48	APAR	D5
	4B10-14	.1	TOT	64.0	-15.0	1.5	OUT3	74S241	74S241	SPCLCH	D8
	4B04-06	.1	TOT	20.0	-6.50	1.7	Q2	74S373	74S373	MLATCH	B3
	4B03-06	.1	TOT	20.0	-6.50	.9	Q2	74S373	74S373	PLATCH	D3
	4C04-07	.1	TI	-0.25	0.5	2.7	D2	74S374	74S374	IWR	D4
	2C26-01(03)	.1	TI	-2.0	0.5	11.9	I-3	25S10	25S10	SHIFTO	R1
	2D05-05(07)	.1	TI	-2.0	0.5	5.6	I1	25S10	25S10	SHIFTI	D2
	2A08-23(2A06-14)	.1	TI	-6.0	0.15	6.4	A1	74S181	74S181	ALU1	O3
	1B24-14	.1	TOT	64.0	-15.0	5.4	OUT3	74S241	74S241	MF	C1
				-11.25(0.34)/20.0(-6.50)				50.4			
M3	4A15-11	.	TI	-0.20	0.2		IN8	74LS244	74LS244	SPY2	D6
	4A14-14(16)	.1	TI	-0.80	0.2	1.2	I	93S48	93S48	APAR	D1
	4A10-12	.1	TOT	20.0	-6.50	1.3	Q4	74S373	74S373	SPCLCH	B8
	4A05-12	.1	TOT	20.0	-6.50	1.5	Q4	74S373	74S373	MLATCH	B8
	4A04-12	.1	TOT	20.0	-6.50	.9	Q4	74S373	74S373	PLATCH	D8
	4B06-13	.1	TI	-0.25	0.5	4.8	D4	74S374	74S374	IWR	D8
	2D30-03(05)	.1	TI	-2.0	0.5	13.2	I-1	25S10	25S10	SHIFTO	B2
	2C26-07(00)	.1	TI	-2.0	0.5	1.3	I3	25S10	25S10	SHIFTO	B1
	2B28-19(2B27-13)	.1	TI	-6.0	0.15	3.4	A3	74S181	74S181	ALU0	D7
	1A25-09	.1	TOT	64.0	-15.0	10.9	OUT8	74S241	74S241	MF	C8
				-11.25(0.34)/20.0(-6.50)				50.5			
M30	4B17-04	.	TI	-0.20	0.2		IN2	74LS244	74LS244	SPY2	D2
	4B15-05(07)	.1	TI	-0.80	0.2	2.1	I	93S48	93S48	APAR	D5
	4B10-16	.1	TOT	64.0	-15.0	1.8	OUT2	74S241	74S241	SPCLCH	D8
	4B04-05	.1	TOT	20.0	-6.50	1.6	Q1	74S373	74S373	MLATCH	B3
	4B03-05	.1	TOT	20.0	-6.50	.9	Q1	74S373	74S373	PLATCH	D3
	4C04-04	.1	TI	-0.25	0.5	2.7	D1	74S374	74S374	IWR	D4
	2C26-02(04)	.1	TI	-2.0	0.5	11.5	I-2	25S10	25S10	SHIFTO	R1
	2D05-06(08)	.1	TI	-2.0	0.5	5.6	I2	25S10	25S10	SHIFTI	D2
	1B24-16	.1	TOT	64.0	-15.0	6.5	OUT12	74S241	74S241	MF	C1
	2A08-21(2A06-08)	.1	TI	-6.0	0.15	5.8	A2	74S181	74S181	ALU1	D3
				-11.25(0.34)/20.0(-6.50)				50.5			
M31	4B17-02	.	TI	-0.20	0.2		IN1	74LS244	74LS244	SPY2	D2
	4B15-06(08)	.1	TI	-0.80	0.2	2.0	I	93S48	93S48	APAR	D5
	4B10-18	.1	TOT	64.0	-15.0	2.1	OUT1	74S241	74S241	SPCLCH	D8
	4B04-02	.1	TOT	20.0	-6.50	1.7	Q0	74S373	74S373	MLATCH	B3
	4B03-02	.1	TOT	20.0	-6.50	.9	Q0	74S373	74S373	PLATCH	D3
	4C04-03	.1	TI	-0.25	0.5	2.7	D0	74S374	74S374	IWR	D4
	2C26-03(05)	.1	TI	-2.0	0.5	11.3	I-1	25S10	25S10	SHIFTO	B1
	2D05-07(09)	.1	TI	-2.0	0.5	5.6	I3	25S10	25S10	SHIFTI	D2
	1B24-18	.1	TOT	64.0	-15.0	8.7	OUT11	74S241	74S241	MF	C1
	2A04-01(04)	.1	TI	-2.0	0.5	5.3		74S08	74S08	ALU1	D2
				-7.25(0.24)/20.0(-6.50)				50.3			
M31B	2A04-03(06)	.1	TI	20.0	-1.0			74S08	74S08	ALU1	D2
	2A08-19(2A07-13)	.1	TI	-6.0	0.15	2.3	A3	74S181	74S181	ALU1	D3
	2A03-02(2A01-16)	.1	TI	-6.0	0.15	1.9	A0	74S181	74S181	ALU1	D1
				-12.0(0.30)/20.0(-1.0)				5.7			
M4	4A04-09	.1	TOT	20.0	-6.50		Q3	74S373	74S373	PLATCH	D8
	4A05-09	.1	TOT	20.0	-6.50	.9	Q3	74S373	74S373	MLATCH	B8
	4A10-09	.1	TOT	20.0	-6.50	1.5	Q3	74S373	74S373	SPCLCH	B8
	4A15-08	.1	TI	-0.20	0.2	1.4	IN4	74LS244	74LS244	SPY2	D6
	4A14-15(17)	.1	TI	-0.80	0.2	1.3	I	93S48	93S48	APAR	D1
	4B06-08	.1	TI	-0.25	0.5	4.4	D3	74S374	74S374	IWR	D8
	2D30-04(06)	.1	TI	-2.0	0.5	13.2	I0	25S10	25S10	SHIFTO	B2
	2A28-02(2A26-16)	.1	TI	-6.0	0.15	6.2	A0	74S181	74S181	ALU0	D5
	1A25-12	.1	TOT	64.0	-15.0	9.7	OUT4	74S241	74S241	MF	C8
				-9.25(0.29)/20.0(-6.50)				49.1			

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
M5	4A04-06	.	TOT	20.0	-6.50		Q2	74S373	74S373	PLATCH	D8
	4A05-06	.1	TOT	20.0	-6.50	.9	Q2	74S373	74S373	MIATCH	B8
	4A10-06	.1	TOT	20.0	-6.50	1.5	Q2	74S373	74S373	SPCLCH	B8
	4A15-06	.1	TI	-0.20	0.2	1.5	IN3	741S244	741S244	SPY2	D6
	4A14-01(03)	.1	TI	-0.80	0.2	1.0	I	93S48	93S48	APAR	D1
	4B06-07	.1	TI	-0.25	0.5	4.7	D2	74S374	74S374	IWR	D8
	2D30-05(07)	.1	TI	-2.0	0.5	13.0	I1	25S10	25S10	SHIFT0	B2
	2C21-01(03)	.1	TI	-2.0	0.5	2.1	I-3	25S10	25S10	SHIFT0	D1
	2A28-23(2A26-14)	.1	TI	-6.0	0.15	5.8	A1	74S181	74S181	ALU0	D5
	1A25-14	.1	TOT	64.0	-15.0	10.1	OUT3	74S241	74S241	MF	C8
				-11.25(0.34)/20.0(-6.50)					52.6		
M6	4A04-05	.	TOT	20.0	-6.50		Q1	74S373	74S373	PLATCH	D8
	4A05-05	.1	TOT	20.0	-6.50	.9	Q1	74S373	74S373	MIATCH	B8
	4A10-05	.1	TOT	20.0	-6.50	1.5	Q1	74S373	74S373	SPCLCH	B8
	4A15-04	.1	TI	-0.20	0.2	1.4	IN2	741S244	741S244	SPY2	D6
	4A14-02(04)	.1	TI	-0.80	0.2	.9	I	93S48	93S48	APAR	D1
	4B06-04	.1	TI	-0.25	0.5	4.8	D1	74S374	74S374	IWR	D8
	2D30-06(08)	.1	TI	-2.0	0.5	12.6	I2	25S10	25S10	SHIFT0	B2
	2C21-02(04)	.1	TI	-2.0	0.5	2.1	I-2	25S10	25S10	SHIFT0	D1
	2A28-21(2A26-08)	.1	TI	-6.0	0.15	6.1	A2	74S181	74S181	ALU0	D5
	1A25-16	.1	TOT	64.0	-15.0	10.3	OUT2	74S241	74S241	MF	C8
				-11.25(0.34)/20.0(-6.50)					52.6		
M7	4A04-02	.	TOT	20.0	-6.50		Q0	74S373	74S373	PLATCH	D8
	4A05-02	.1	TOT	20.0	-6.50	.9	Q0	74S373	74S373	MIATCH	B8
	4A10-02	.1	TOT	20.0	-6.50	1.5	Q0	74S373	74S373	SPCLCH	B8
	4A15-02	.1	TI	-0.20	0.2	1.5	IN1	741S244	741S244	SPY2	D6
	4A14-03(05)	.1	TI	-0.80	0.2	1.0	I	93S48	93S48	APAR	D1
	4B06-03	.1	TI	-0.25	0.5	4.8	D0	74S374	74S374	IWR	D8
	2D30-07(09)	.1	TI	-2.0	0.5	12.4	I3	25S10	25S10	SHIFT0	B2
	2C21-03(05)	.1	TI	-2.0	0.5	2.1	I-1	25S10	25S10	SHIFT0	D1
	2A28-19(2A27-13)	.1	TI	-6.0	0.15	6.2	A3	74S181	74S181	ALU0	D5
	1A25-18	.1	TOT	64.0	-15.0	10.5	OUT1	74S241	74S241	MF	C8
				-11.25(0.34)/20.0(-6.50)					52.9		
M8	4A14-04(06)	.1	TI	-0.80	0.2		I	93S48	93S48	APAR	D1
	4A13-17	.1	TI	-0.20	0.2	1.3	IN5	741S244	741S244	SPY2	D5
	4A09-19	.1	TOT	20.0	-6.50	1.8	Q7	74S373	74S373	SPCLCH	B7
	4A03-19	.1	TOT	20.0	-6.50	1.7	Q7	74S373	74S373	MIATCH	B6
	4A02-19	.1	TOT	20.0	-6.50	.9	Q7	74S373	74S373	PLATCH	D6
	4B01-18	.1	TI	-0.25	0.5	3.7	D7	74S374	74S374	IWR	D6
	2C21-04(06)	.1	TI	-2.0	0.5	12.4	I0	25S10	25S10	SHIFT0	D1
	2B23-02(2B21-16)	.1	TI	-6.0	0.15	2.9	A0	74S181	74S181	ALU0	D3
	1A23-03	.1	TOT	64.0	-15.0	9.9	OUT5	74S241	74S241	MF	C6
				-9.25(0.29)/20.0(-6.50)					45.1		
M9	4A14-05(07)	.	TI	-0.80	0.2		I	93S48	93S48	APAR	D1
	4A13-15	.1	TI	-0.20	0.2	1.3	IN6	741S244	741S244	SPY2	D6
	4A09-16	.1	TOT	20.0	-6.50	1.7	Q6	74S373	74S373	SPCLCH	B7
	4A03-16	.1	TOT	20.0	-6.50	1.7	Q6	74S373	74S373	MIATCH	B6
	4A02-16	.1	TOT	20.0	-6.50	.9	Q6	74S373	74S373	PLATCH	D6
	4B01-17	.1	TI	-0.25	0.5	3.7	D6	74S374	74S374	IWR	D6
	2D25-01(03)	.1	TI	-2.0	0.5	13.0	I-3	25S10	25S10	SHIFT0	D2
	2C21-05(07)	.1	TI	-2.0	0.5	1.3	I1	25S10	25S10	SHIFT0	D1
	2B23-23(2B21-14)	.1	TI	-6.0	0.15	2.8	A1	74S181	74S181	ALU0	D3
	1A23-05	.1	TOT	64.0	-15.0	9.9	OUT6	74S241	74S241	MF	C6
				-11.25(0.34)/20.0(-6.50)					48.3		
-MADROA	4B27-13(15)	.	TI	-1.60	0.2		A0	82S21	82S21	MMEM	B1
	4B28-13(15)	.1	TI	-1.60	0.2	.9	A0	82S21	82S21	MMEM	B2
	4B29-13(15)	.1	TI	-1.60	0.2	.9	A0	82S21	82S21	MMEM	B4
	4B30-13(15)	.1	TI	-1.60	0.2	.9	A0	82S21	82S21	MMEM	B5
	4A26-13(15)	.1	TI	-1.60	0.2	1.1	A0	82S21	82S21	MMEM	B7
	4A21-13(15)	.1	TI	-1.60	0.2	1.5	A0	82S21	82S21	MMEM	B8
	4B25-13(15)	.1	TI	-1.60	0.2	1.1	A0	82S21	82S21	MMEM	B6
	4B24-13(15)	.1	TI	-1.60	0.2	.9	A0	82S21	82S21	MMEM	B4
	4B23-13(15)	.1	TI	-1.60	0.2	.9	A0	82S21	82S21	MMEM	B3
	4B19-04(06)	.1	TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	MCTL	D1
				-14.40(0.18)/20.0(-1.0)					22.0		

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-MADR0B	4A30-13(15)	\	II	-1.60	0.2		A0	82S21	82S21	MMEM	D7	
	4A29-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D5	
	4A28-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D4	
	4A27-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D2	
	4A22-13(15)	.	II	-1.60	0.2	1.5	A0	82S21	82S21	MMEM	D3	
	4A23-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D4	
	4A24-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D6	
	4A25-13(15)	.	II	-1.60	0.2	.9	A0	82S21	82S21	MMEM	D8	
	4A18-04(06)	.	TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	MCTL	D4	
				-12.80(0.16)/20.0(-1.0)			19.2				OVERLOADED	2
-MADR1A	4B27-12(14)	.	II	-1.60	0.2		A1	82S21	82S21	MMEM	B1	
	4B28-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	B2	
	4B29-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	B4	
	4B30-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	B5	
	4A26-12(14)	.	II	-1.60	0.2	1.1	A1	82S21	82S21	MMEM	B7	
	4A21-12(14)	.	II	-1.60	0.2	1.5	A1	82S21	82S21	MMEM	B8	
	4B25-12(14)	.	II	-1.60	0.2	1.1	A1	82S21	82S21	MMEM	B6	
	4B24-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	B4	
	4B23-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	B3	
	4B19-07(09)	.	TOT	20.0	-1.0	1.7	-OUT	74S258	74S258	MCTL	D1	
				-14.40(0.18)/20.0(-1.0)			21.9				OVERLOADED	2
-MADR1B	4A30-12(14)	\	II	-1.60	0.2		A1	82S21	82S21	MMEM	D7	
	4A29-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D5	
	4A28-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D4	
	4A27-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D2	
	4A22-12(14)	.	II	-1.60	0.2	1.6	A1	82S21	82S21	MMEM	D3	
	4A23-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D4	
	4A24-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D6	
	4A25-12(14)	.	II	-1.60	0.2	.9	A1	82S21	82S21	MMEM	D8	
	4A18-07(09)	.	TOT	20.0	-1.0	1.6	-OUT	74S258	74S258	MCTL	D4	
				-12.80(0.16)/20.0(-1.0)			19.0				OVERLOADED	2
-MADR2A	4B27-11(13)	.	II	-1.60	0.2		A2	82S21	82S21	MMEM	B1	
	4B28-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	B2	
	4B29-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	B4	
	4B30-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	B5	
	4A26-11(13)	.	II	-1.60	0.2	1.1	A2	82S21	82S21	MMEM	B7	
	4A21-11(13)	.	II	-1.60	0.2	1.5	A2	82S21	82S21	MMEM	B8	
	4B25-11(13)	.	II	-1.60	0.2	1.1	A2	82S21	82S21	MMEM	B6	
	4B24-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	B4	
	4B23-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	B3	
	4B19-09(11)	.	TOT	20.0	-1.0	1.5	-OUT	74S258	74S258	MCTL	D1	
				-14.40(0.18)/20.0(-1.0)			21.7				OVERLOADED	2
-MADR2B	4A27-11(13)	\	II	-1.60	0.2		A2	82S21	82S21	MMEM	D2	
	4A28-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D4	
	4A29-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D5	
	4A30-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D7	
	4A25-11(13)	.	II	-1.60	0.2	1.5	A2	82S21	82S21	MMEM	D8	
	4A24-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D6	
	4A23-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D4	
	4A22-11(13)	.	II	-1.60	0.2	.9	A2	82S21	82S21	MMEM	D3	
	4A18-09(11)	.	TOT	20.0	-1.0	1.5	-OUT	74S258	74S258	MCTL	D4	
				-12.80(0.16)/20.0(-1.0)			18.9				OVERLOADED	2
-MADR3A	4B27-10(12)	.	II	-1.60	0.2		A3	82S21	82S21	MMEM	B1	
	4B28-10(12)	.	II	-1.60	0.2	.9	A3	82S21	82S21	MMEM	B2	
	4B29-10(12)	.	II	-1.60	0.2	.9	A3	82S21	82S21	MMEM	B4	
	4B30-10(12)	.	II	-1.60	0.2	.9	A3	82S21	82S21	MMEM	B5	
	4A26-10(12)	.	II	-1.60	0.2	1.1	A3	82S21	82S21	MMEM	B7	
	4A21-10(12)	.	II	-1.60	0.2	1.5	A3	82S21	82S21	MMEM	B8	
	4B25-10(12)	.	II	-1.60	0.2	1.1	A3	82S21	82S21	MMEM	B6	
	4B24-10(12)	.	II	-1.60	0.2	.9	A3	82S21	82S21	MMEM	B4	
	4B23-10(12)	.	II	-1.60	0.2	.9	A3	82S21	82S21	MMEM	B3	
	4B19-12(14)	.	TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	MCTL	D1	
				-14.40(0.18)/20.0(-1.0)			22.0				OVERLOADED	2

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104								
SIGNAL	NAME LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-MADR3B	4A27-10(12)	\	TI	-1.60	0.2		A3	82S21	82S21	MMFM	D2	
	4A28-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D4	
	4A29-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D5	
	4A30-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D7	
	4A25-10(12)	.!	TI	-1.60	0.2	1.5	A3	82S21	82S21	MMFM	D8	
	4A24-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D6	
	4A23-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D4	
	4A22-10(12)	.!	TI	-1.60	0.2	.9	A3	82S21	82S21	MMFM	D3	
	4A18-12(14)	.!	TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	MCIL	D4	
				-12.80(0.16)/20.0(-1.0)			19.2				OVERLOADED	2
-MADR4A	4A26-04(08)	.!	TI	-1.60	0.2		A4	82S21	82S21	MMFM	B7	
	4B30-04(08)	.!	TI	-1.60	0.2	1.1	A4	82S21	82S21	MMFM	B5	
	4B29-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	B4	
	4B28-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	B2	
	4B27-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	B1	
	4B23-04(08)	.!	TI	-1.60	0.2	1.7	A4	82S21	82S21	MMFM	B3	
	4B24-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	B4	
	4B25-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	B6	
	4A21-04(08)	.!	TI	-1.60	0.2	1.1	A4	82S21	82S21	MMFM	B8	
	4A16-04(08)	.!	TOT	20.0	-1.0	1.5	-OUT	74S258	74S258	MCIL	D2	
				-14.40(0.18)/20.0(-1.0)			21.9				OVERLOADED	2
-MADR4B	4A16-12(14)	\	TOT	20.0	-1.0		-OUT	74S258	74S258	MCIL	D2	
	4A22-04(08)	.!	TI	-1.60	0.2	1.7	A4	82S21	82S21	MMFM	D3	
	4A23-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D4	
	4A24-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D6	
	4A25-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D8	
	4A30-04(08)	.!	TI	-1.60	0.2	1.5	A4	82S21	82S21	MMFM	D7	
	4A29-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D5	
	4A28-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D4	
	4A27-04(08)	.!	TI	-1.60	0.2	.9	A4	82S21	82S21	MMFM	D2	
				-12.80(0.16)/20.0(-1.0)			19.1				OVERLOADED	2
-MAPDRIVE	1A13-19	\	TI	-2.0	0.5		-FNB	74S240	74S240	VMFMDR	B8	
	1A13-01	.!	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMFMDR	B8	
	1A08-03(06)	.!	TI	20.0	-1.0	1.0		74S00	74S00	VMFMDR	D7	
	1A07-01	.!	TI	-2.0	0.5	1.2	-FNB	74S240	74S240	VMFMDR	B3	
	1A07-19	.!	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMFMDR	B3	
	1A01-19	.!	TI	-2.0	0.5	1.7	-FNB	74S240	74S240	VMFMDR	B1	
	1A01-01	.!	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMFMDR	B1	
	1A03-19	.!	TI	-2.0	0.5	1.2	-FNB	74S240	74S240	VMFMDR	B5	
	1A03-01	.!	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMFMDR	B5	
				-16.0(0.40)/20.0(-1.0)			18.8				OVERLOADED	2
MAPI10	1D19-09(11)	\	TOT	20.0	-1.0		-OUT	74S258	74S258	VMAS	D6	
	1D13-06	.!	TI	-0.40	0.5	2.0	IN3	74S240	74S240	VMFM1	B1	
	1D08-02	.!	TI	-0.40	0.5	1.9	IN1	74S240	74S240	VMFM1	D1	
				-0.80(0.10)/20.0(-1.0)			5.4					
-MAPI10A	1E04-11(13)	\	TI	-0.40	0.2		A7	93425A	93425A	VMEM1	B3	
	1E05-11(13)	.!	TI	-0.40	0.2	.9	A7	93425A	93425A	VMEM1	D3	
	1D01-11(13)	.!	TI	-0.40	0.2	1.1	A7	93425A	93425A	VMFM1	B3	
	1D02-11(13)	.!	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM1	D3	
	1D08-18	.!	TOT	64.0	-15.0	1.2	-OUT1	74S240	74S240	VMFM1	D1	
	1D06-11(13)	.!	TI	-0.40	0.2	1.6	A7	93425A	93425A	VMFM1	D5	
	1E10-11(13)	.!	TI	-0.40	0.2	1.1	A7	93425A	93425A	VMFM1	B5	
	1E09-11(13)	.!	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM1	D4	
	1E08-11(13)	.!	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM1	B4	
	1E13-11(13)	.!	TI	-0.40	0.2	1.5	A7	93425A	93425A	VMEM1	B6	
	1E14-11(13)	.!	TI	-0.40	0.2	.8	A7	93425A	93425A	VMEM1	D6	
	1E15-11(13)	.!	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM1	B6	
	1D11-11(13)	.!	TI	-0.40	0.2	1.1	A7	93425A	93425A	VMEM1	D6	
				-4.80(0.24)/64.0(-15.0)			29.5					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-MAPI10B											
1D13-14		.	TOT	64.0	-15.0		-OUT3	74S240	74S240	VMFM1	B1
1C05-11(13)		.i	TI	-0.40	0.2	4.7	A7	93425A	93425A	VMFM2	B2
1B01-11(13)		.i	TI	-0.40	0.2	1.1	A7	93425A	93425A	VMFM2	B5
1B02-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	B4
1B03-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	B3
1B04-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	B3
1B05-11(13)		.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	VMFM2	B6
1B08-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	B6
1B07-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	D3
1B06-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	D3
1B11-11(13)		.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	VMFM2	D6
1B12-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	D6
1B13-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	D5
1B14-11(13)		.i	TI	-0.40	0.2	.9	A7	93425A	93425A	VMFM2	D4
				-5.20(0.26)/64.0(-15.0)		34.9					
MAPI11											
1D19-12(14)		\	TOT	20.0	-1.0		-OUT	74S258	74S258	VMAS	D6
1D13-17		.i	TI	-0.40	0.5	1.9	IN5	74S240	74S240	VMFM1	B1
1D13-04		.i	TI	-0.40	0.5	.7	IN2	74S240	74S240	VMFM1	B1
				-0.80(0.10)/20.0(-1.0)		4.1					
-MAPI11A											
1F13-10(12)		\	TI	-0.40	0.2		A6	93425A	93425A	VMFM1	B6
1F14-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	D6
1F15-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	B6
1D11-10(12)		.i	TI	-0.40	0.2	1.1	A6	93425A	93425A	VMFM1	D6
1D06-10(12)		.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	VMFM1	D5
1F10-10(12)		.i	TI	-0.40	0.2	1.1	A6	93425A	93425A	VMFM1	B5
1F09-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	D4
1F08-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	B4
1F04-10(12)		.i	TI	-0.40	0.2	1.7	A6	93425A	93425A	VMFM1	B3
1F05-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	D3
1D01-10(12)		.i	TI	-0.40	0.2	1.1	A6	93425A	93425A	VMFM1	B3
1D02-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM1	D3
1D13-03		.i	TOT	64.0	-15.0	2.2	-OUT5	74S240	74S240	VMFM1	B1
				-4.80(0.24)/64.0(-15.0)		30.6					
-MAPI11B											
1D13-18		.	TOT	64.0	-15.0		-OUT2	74S240	74S240	VMFM1	B1
1C05-10(12)		.i	TI	-0.40	0.2	4.6	A6	93425A	93425A	VMFM2	B2
1B01-10(12)		.i	TI	-0.40	0.2	1.1	A6	93425A	93425A	VMFM2	B5
1B02-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	B4
1B03-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	B3
1B04-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	B3
1B09-10(12)		.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	VMFM2	B6
1B08-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	B6
1B07-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	D3
1B06-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	D3
1B11-10(12)		.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	VMFM2	D6
1B12-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	D6
1B13-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	D5
1B14-10(12)		.i	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFM2	D4
				-5.20(0.26)/64.0(-15.0)		34.8					
MAPI12											
1D13-02		\	TI	-0.40	0.5		IN1	74S240	74S240	VMFM1	B1
1D13-15		.i	TI	-0.40	0.5	.9	IN6	74S240	74S240	VMFM1	B1
1C16-04(06)		.i	TOT	20.0	-1.0	2.7	-OUT	74S258	74S258	VMAS	D6
				-0.80(0.10)/20.0(-1.0)		5.1					
-MAPI12A											
1E04-09(11)		\	TI	-0.40	0.2		A5	93425A	93425A	VMFM1	B3
1E05-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	D3
1D01-09(11)		.i	TI	-0.40	0.2	1.1	A5	93425A	93425A	VMFM1	B3
1D02-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	D3
1D06-09(11)		.i	TI	-0.40	0.2	1.7	A5	93425A	93425A	VMFM1	D5
1F10-09(11)		.i	TI	-0.40	0.2	1.1	A5	93425A	93425A	VMFM1	B5
1F09-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	D4
1F08-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	B4
1E13-09(11)		.i	TI	-0.40	0.2	1.5	A5	93425A	93425A	VMFM1	B6
1E14-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	D6
1E15-09(11)		.i	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM1	B6
1D11-09(11)		.i	TI	-0.40	0.2	1.1	A5	93425A	93425A	VMFM1	D6
1D13-05		.i	TOT	64.0	-15.0	1.8	-OUT6	74S240	74S240	VMFM1	B1
				-4.80(0.24)/64.0(-15.0)		30.2					

CADR PROCESSOR SIGNAL NAME LOC(PIN#)		Z	CADRWD:CADR4 WLR TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
--MAPI12B											
1D13-18	.		TOT	64.0	-15.0		-OUT1	74S240	74S240	VMFM1	B1
1C05-09(11)	.i		TI	-0.40	0.2	4.4	A5	93425A	93425A	VMFM2	B2
1B01-09(11)	.i		TI	-0.40	0.2	1.1	A5	93425A	93425A	VMFM2	B5
1B02-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	B4
1B03-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	B3
1B04-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	B3
1B09-09(11)	.i		TI	-0.40	0.2	1.5	A5	93425A	93425A	VMFM2	B6
1B08-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	B6
1B07-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	D3
1B06-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	D3
1B11-09(11)	.i		TI	-0.40	0.2	1.5	A5	93425A	93425A	VMFM2	D6
1B12-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	D6
1B13-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	D5
1B14-09(11)	.i		TI	-0.40	0.2	.9	A5	93425A	93425A	VMFM2	D4
				-5.20(0.26)/64.0(-15.0)		34.6					
MAPI13											
1D05-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	B6
1D04-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	D6
1D09-13(15)	.i		TI	-0.40	0.2	1.5	A9	93425A	93425A	VMFMO	D5
1D10-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	D4
1C06-13(15)	.i		TI	-0.40	0.2	1.1	A9	93425A	93425A	VMFMO	D3
1C07-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	B5
1C08-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	B4
1C09-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	B3
1C14-13(15)	.i		TI	-0.40	0.2	1.5	A9	93425A	93425A	VMFMO	B1
1C13-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	B2
1C12-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	D1
1C11-13(15)	.i		TI	-0.40	0.2	.9	A9	93425A	93425A	VMFMO	D2
1C16-07(09)	.i		TOT	20.0	-1.0	1.9	-OUT	74S258	74S258	VMAS	D5
				-4.80(0.24)/20.0(-1.0)		29.7					
MAPI14											
1D05-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	B6
1D04-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	D6
1D09-12(14)	.i		TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFMO	D5
1D10-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	D4
1C06-12(14)	.i		TI	-0.40	0.2	1.1	A8	93425A	93425A	VMFMO	D3
1C07-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	B5
1C08-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	B4
1C09-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	B3
1C14-12(14)	.i		TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFMO	B1
1C13-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	B2
1C12-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	D1
1C11-12(14)	.i		TI	-0.40	0.2	.9	A8	93425A	93425A	VMFMO	D2
1C16-09(11)	.i		TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	VMAS	D5
				-4.80(0.24)/20.0(-1.0)		29.6					
MAPI15											
1D05-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	B6
1D04-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	D6
1D09-11(13)	.i		TI	-0.40	0.2	1.5	A7	93425A	93425A	VMFMO	D5
1D10-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	D4
1C06-11(13)	.i		TI	-0.40	0.2	1.1	A7	93425A	93425A	VMFMO	D3
1C07-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	B5
1C08-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	B4
1C09-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	B3
1C14-11(13)	.i		TI	-0.40	0.2	1.5	A7	93425A	93425A	VMFMO	B1
1C13-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	B2
1C12-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	D1
1C11-11(13)	.i		TI	-0.40	0.2	.9	A7	93425A	93425A	VMFMO	D2
1C16-12(14)	.i		TOT	20.0	-1.0	1.4	-OUT	74S258	74S258	VMAS	D5
				-4.80(0.24)/20.0(-1.0)		29.2					

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2104					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
MAPI16	1D05-10(12)	\	TI	-0.40	0.2		A6	93425A	93425A	VMFMO	B6
	1D04-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	D6
	1D09-10(12)	.1	TI	-0.40	0.2	1.5	A6	93425A	93425A	VMFMO	D5
	1D10-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	D4
	1C06-10(12)	.1	TI	-0.40	0.2	1.1	A6	93425A	93425A	VMFMO	D3
	1C07-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	B5
	1C08-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	B4
	1C09-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	B3
	1C14-10(12)	.1	TI	-0.40	0.2	1.5	A6	93425A	93425A	VMFMO	B1
	1C18-04(06)	.1	TOT	20.0	-1.0	1.3	-OUT	74S258	74S258	VMAS	D4
	1C13-10(12)	.1	TI	-0.40	0.2	1.3	A6	93425A	93425A	VMFMO	B2
	1C12-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	D1
	1C11-10(12)	.1	TI	-0.40	0.2	.9	A6	93425A	93425A	VMFMO	D2
MAPI17	1D05-09(11)	\	TI	-0.40	0.2		A5	93425A	93425A	VMFMO	B6
	1D04-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	D6
	1D09-09(11)	.1	TI	-0.40	0.2	1.5	A5	93425A	93425A	VMFMO	D5
	1D10-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	D4
	1C06-09(11)	.1	TI	-0.40	0.2	1.1	A5	93425A	93425A	VMFMO	D3
	1C07-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	B5
	1C08-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	B4
	1C09-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	B3
	1C14-09(11)	.1	TI	-0.40	0.2	1.5	A5	93425A	93425A	VMFMO	B1
	1C13-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	B2
	1C12-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	D1
	1C11-09(11)	.1	TI	-0.40	0.2	.9	A5	93425A	93425A	VMFMO	D2
	1C18-07(09)	.1	TOT	20.0	-1.0	2.1	-OUT	74S258	74S258	VMAS	D4
MAPI18	1D05-06(08)	\	TI	-0.40	0.2		A4	93425A	93425A	VMFMO	B6
	1D04-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	D6
	1D09-06(08)	.1	TI	-0.40	0.2	1.5	A4	93425A	93425A	VMFMO	D5
	1D10-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	D4
	1C06-06(08)	.1	TI	-0.40	0.2	1.1	A4	93425A	93425A	VMFMO	D3
	1C07-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	B5
	1C08-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	B4
	1C09-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	B3
	1C14-06(08)	.1	TI	-0.40	0.2	1.5	A4	93425A	93425A	VMFMO	B1
	1C13-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	B2
	1C12-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	D1
	1C11-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFMO	D2
	1C18-09(11)	.1	TOT	20.0	-1.0	1.9	-OUT	74S258	74S258	VMAS	D4
MAPI19	1D05-05(07)	\	TI	-0.40	0.2		A3	93425A	93425A	VMFMO	B6
	1D04-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	D6
	1D09-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	VMFMO	D5
	1D10-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	D4
	1C06-05(07)	.1	TI	-0.40	0.2	1.1	A3	93425A	93425A	VMFMO	D3
	1C07-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	B5
	1C08-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	B4
	1C09-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	B3
	1C14-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	VMFMO	B1
	1C13-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	B2
	1C12-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	D1
	1C11-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFMO	D2
	1C18-12(14)	.1	TOT	20.0	-1.0	1.8	-OUT	74S258	74S258	VMAS	D4
MAPI20	1D05-04(06)	\	TI	-0.40	0.2		A2	93425A	93425A	VMFMO	B6
	1D04-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	D6
	1D09-04(06)	.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	VMFMO	D5
	1D10-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	D4
	1C06-04(06)	.1	TI	-0.40	0.2	1.1	A2	93425A	93425A	VMFMO	D3
	1C07-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	B5
	1C08-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	B4
	1C09-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	B3
	1C11-04(06)	.1	TI	-0.40	0.2	2.3	A2	93425A	93425A	VMFMO	D2
	1C12-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	D1
	1C13-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	B2
	1C14-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFMO	B1
	1C20-04(06)	.1	TOT	20.0	-1.0	1.7	-OUT	74S258	74S258	VMAS	D3

CADR PROCESSOR		CADRWD;CDR4 WLR				20-FEB-80 2104						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MAP121	1D05-03(05)	\	TI	-0.40	0.2		A1	93425A	93425A	VMEM0	B6	
	1D04-03(05)	.1	TI	-0.40	0.2	.0	A1	93425A	93425A	VMEM0	D6	
	1D09-03(05)	.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	VMEM0	D5	
	1D10-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	D4	
	1C06-03(05)	.1	TI	-0.40	0.2	1.1	A1	93425A	93425A	VMEM0	D3	
	1C07-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	B5	
	1C08-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	B4	
	1C09-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	B3	
	1C11-03(05)	.1	TI	-0.40	0.2	2.3	A1	93425A	93425A	VMEM0	D2	
	1C12-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	D1	
	1C13-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	B2	
	1C14-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEM0	B1	
	1C20-07(09)	.1	TOT	20.0	-1.0	2.0	-OUT	74S258	74S258	VMAS	D3	
						-4.80(0.24)/20.0(-1.0)	30.6					
MAP122	1D05-02(04)	\	TI	-0.40	0.2		A0	93425A	93425A	VMEM0	B6	
	1D04-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	D6	
	1D09-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	VMEM0	D5	
	1D10-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	D4	
	1C06-02(04)	.1	TI	-0.40	0.2	1.1	A0	93425A	93425A	VMEM0	D3	
	1C07-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	B5	
	1C08-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	B4	
	1C09-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	B3	
	1C14-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	VMEM0	B1	
	1C13-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	B2	
	1C12-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	D1	
	1C11-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEM0	D2	
	1C20-09(11)	.1	TOT	20.0	-1.0	2.0	-OUT	74S258	74S258	VMAS	D3	
						-4.80(0.24)/20.0(-1.0)	30.7					
MAP123	1D18-01(04)	.1	TI	-2.0	0.5			74S04	74S04	VMEM0	C1	
	1C20-12(14)	.1	TOT	20.0	-1.0	3.9	-OUT	74S258	74S258	VMAS	D3	
	1C13-01(03)	.1	TI	-0.40	0.2	2.1	-CE	93425A	93425A	VMEM0	B2	
	1C14-01(03)	.1	TI	-0.40	0.2	.9	-CE	93425A	93425A	VMEM0	B1	
	1C09-01(03)	.1	TI	-0.40	0.2	1.5	-CE	93425A	93425A	VMEM0	B3	
	1C08-01(03)	.1	TI	-0.40	0.2	.9	-CE	93425A	93425A	VMEM0	B4	
	1C07-01(03)	.1	TI	-0.40	0.2	.9	-CE	93425A	93425A	VMEM0	B5	
	1D05-01(03)	.1	TI	-0.40	0.2	2.1	-CE	93425A	93425A	VMEM0	B6	
							-4.40(0.17)/20.0(-1.0)	21.3				
-MAP123	1D18-02(05)	\	TO	20.0	-1.0			74S04	74S04	VMEM0	C1	
	1C11-01(03)	.1	TI	-0.40	0.2	2.6	-CE	93425A	93425A	VMEM0	D2	
	1C12-01(03)	.1	TI	-0.40	0.2	.9	-CE	93425A	93425A	VMEM0	D1	
	1C06-01(03)	.1	TI	-0.40	0.2	1.7	-CE	93425A	93425A	VMEM0	D3	
	1D10-01(03)	.1	TI	-0.40	0.2	1.1	-CE	93425A	93425A	VMEM0	D4	
	1D09-01(03)	.1	TI	-0.40	0.2	.9	-CE	93425A	93425A	VMEM0	D5	
	1D04-01(03)	.1	TI	-0.40	0.2	1.5	-CE	93425A	93425A	VMEM0	D6	
						-2.40(0.12)/20.0(-1.0)	16.2					
MAP18	1D19-04(06)	\	TOT	20.0	-1.0		-OUT	74S258	74S258	VMAS	D6	
	1D13-11	.1	TI	-0.40	0.5	1.5	IN8	74S240	74S240	VMEM1	B1	
	1D08-06	.1	TI	-0.40	0.5	2.0	IN3	74S240	74S240	VMEM1	D1	
							-0.80(0.10)/20.0(-1.0)	5.0				
-MAP18A	1F04-13(15)	\	TI	-0.40	0.2		A9	93425A	93425A	VMEM1	B3	
	1F05-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	D3	
	1D01-13(15)	.1	TI	-0.40	0.2	1.1	A9	93425A	93425A	VMEM1	B3	
	1D02-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	D3	
	1D08-14	.1	TOT	64.0	-15.0	1.7	-OUT3	74S240	74S240	VMEM1	D1	
	1D06-13(15)	.1	TI	-0.40	0.2	1.5	A9	93425A	93425A	VMEM1	D5	
	1F10-13(15)	.1	TI	-0.40	0.2	1.1	A9	93425A	93425A	VMEM1	B5	
	1F09-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	D4	
	1F08-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	B4	
	1F13-13(15)	.1	TI	-0.40	0.2	1.5	A9	93425A	93425A	VMEM1	B6	
	1F14-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	D6	
	1F15-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMEM1	B6	
	1D11-13(15)	.1	TI	-0.40	0.2	1.1	A9	93425A	93425A	VMEM1	D6	
							-4.80(0.24)/64.0(-15.0)	29.9				

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2104					
SIGNAL	NAME	Z	TYPE	LOW	HII	INCHES	USE	DIPTYPE	BODY	FILE	POS
-MAPI8B	1D13-09	.	TOT	64.0	-15.0		-OUT8	74S240	74S240	VMFM1	B1
	1C05-13(15)	.1	TI	-0.40	0.2	4.7	A9	93425A	93425A	VMFM2	B2
	1B01-13(15)	.1	TI	-0.40	0.2	1.1	A9	93425A	93425A	VMFM2	B5
	1B02-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	B4
	1B03-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	B3
	1B04-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	B3
	1B09-13(15)	.1	TI	-0.40	0.2	1.5	A9	93425A	93425A	VMFM2	B6
	1B08-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	B6
	1B07-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	D3
	1B06-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	D3
	1B11-13(15)	.1	TI	-0.40	0.2	1.5	A9	93425A	93425A	VMFM2	D6
	1B12-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	D6
	1B13-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	D5
	1B14-13(15)	.1	TI	-0.40	0.2	.9	A9	93425A	93425A	VMFM2	D4
				-5.20(0.26)/64.0(-15.0)			34.9				
MAPI0	1D19-07(09)	\	TOT	20.0	-1.0		-OUT	74S258	74S258	VMAS	D6
	1D13-08	.1	TI	-0.40	0.5	1.7	IN4	74S240	74S240	VMFM1	B1
	1D08-04	.1	TI	-0.40	0.5	1.9	IN2	74S240	74S240	VMFM1	D1
				-0.80(0.10)/20.0(-1.0)			5.1				
-MAPI9A	1F04-12(14)	\	TI	-0.40	0.2		A8	93425A	93425A	VMFM1	B3
	1E05-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	D3
	1D01-12(14)	.1	TI	-0.40	0.2	1.1	A8	93425A	93425A	VMFM1	B3
	1D02-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	D3
	1D08-16	.1	TOT	64.0	-15.0	1.5	-OUT2	74S240	74S240	VMFM1	D1
	1D06-12(14)	.1	TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFM1	D5
	1E10-12(14)	.1	TI	-0.40	0.2	1.1	A8	93425A	93425A	VMFM1	R5
	1F09-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	D4
	1E08-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	B4
	1E13-12(14)	.1	TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFM1	B6
	1E14-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	D6
	1E15-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM1	R6
	1D11-12(14)	.1	TI	-0.40	0.2	1.1	A8	93425A	93425A	VMFM1	D6
				-4.80(0.24)/64.0(-15.0)			29.7				
-MAPI9B	1D13-12	.	TOT	64.0	-15.0		-OUT4	74S240	74S240	VMFM1	B1
	1C05-12(14)	.1	TI	-0.40	0.2	4.9	A8	93425A	93425A	VMFM2	B2
	1B01-12(14)	.1	TI	-0.40	0.2	1.1	A8	93425A	93425A	VMFM2	B5
	1B02-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	B4
	1B03-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	B3
	1B04-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	B3
	1B09-12(14)	.1	TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFM2	B6
	1B08-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	B6
	1B07-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	D3
	1B06-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	D3
	1B11-12(14)	.1	TI	-0.40	0.2	1.5	A8	93425A	93425A	VMFM2	D6
	1B12-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	D6
	1B13-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	D5
	1B14-12(14)	.1	TI	-0.40	0.2	.9	A8	93425A	93425A	VMFM2	D4
				-5.20(0.26)/64.0(-15.0)			35.1				
MAPWR01	1D07-01(04)	\	TIS	-4.0	0.10			74S37	74S37	VCTL2	A2
	1D07-04(07)	.1	TIS	-4.0	0.10	.7		74S37	74S37	VCTL2	A2
	1C15-01(04)	.1	IO	20.0	-1.0	4.7		74S02	74S020	VCTL2	A2
				-8.0(0.20)/20.0(-1.0)			6.9				
MAPWR1D	1D07-10(13)	\	TIS	-4.0	0.10			74S37	74S37	VCTL2	B2
	1D07-13(16)	.1	TIS	-4.0	0.10	.7		74S37	74S37	VCTL2	B2
	1C15-04(07)	.1	IO	20.0	-1.0	5.1		74S02	74S020	VCTL2	A2
				-8.0(0.20)/20.0(-1.0)			7.3				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL	NAME	Z	TYPE	LOW	HII	INCHES	USE	DIPTYPE	BODY	FILE	POS
MBUSY	3F16-05(08)	\	TIS	-2.0	0.5			74S64	74S64	VC1L1	D8
	1D21-05(08)	.I	TO	20.0	-1.0	16.7	Q1	74S74	74S74	VC1L1	C2
	1E25-01(03)	I	IIS	-1.60	0.5	1.3	I0	9S42	9S42-1	VC1L1	C1
-3.60(0.10)/20.0(-1.0) 19.5											
MBUSY.SYNC	3F16-11(14)	\	TIS	-2.0	0.5			74S64	74S64	VC1L1	D8
	3F16-02(05)	.I	IIS	-2.0	0.5	.8		74S64	74S64	VC1L1	D3
	1E20-07(09)	I	TO	20.0	-1.0	17.2	2Q	74S175	74S175	VC1L1	B3
-4.0(0.10)/20.0(-1.0) 19.5											
-MBUSY.SYNC	1E20-06(08)		TO	20.0	-1.0		-2Q	74S175	74S175	ONE PIN RUN UNUSED EXTRA OUTPUT	B3 B3
MCLK1	1B19-01(04)		TI	-2.0	0.5			74S04	74S04A	CLOCKD NO DRIVE	B1 B1
-MCLK1	1B18-02(05)	I	TO	20.0	-1.0			74S04	74S04A	CLOCKD	B1
	1B18-10(13)	I	TIS	-4.0	0.10	1.3		74S37	74S37	CLOCKD	B3
-4.0(0.10)/20.0(-1.0)											
MCLK1A	1B18-08(11)	I	TO	60.0	-3.0			74S37	74S37	CLOCKD	B3
	1D21-03(06)	.I	TI	-4.0	0.10	6.6	-CLK1	74S74	74S74	VC1L1	C2
	1D21-11(14)	.I	TI	-4.0	0.10	.8	-CLK2	74S74	74S74	VC1L1	D2
	1E20-09(11)	I	TI	-2.0	0.5	1.5	CLK	74S175	74S175	VC1L1	B3
-10.0(0.25)/60.0(-3.0) 11.9											
-MD0	1E28-11(13)	I	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-19	.I	TOT	20.0	-6.50	6.1	Q7	74S374	74S374	MD	B8
	1A15-17	.I	TI	-0.40	0.5	7.4	IN5	74S240	74S240	MDS	D8
	1A05-17	I	TI	-0.40	0.5	2.6	IN5	74S240	74S240	MD	D8
-1.60(0.12)/20.0(-6.50) 19.1											
-MD1	1E28-12(14)	I	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-16	.I	TOT	20.0	-6.50	5.9	Q6	74S374	74S374	MD	B8
	1A15-15	.I	TI	-0.40	0.5	7.4	IN6	74S240	74S240	MDS	D8
	1A05-15	I	TI	-0.40	0.5	2.6	IN6	74S240	74S240	MD	D8
-1.60(0.12)/20.0(-6.50) 18.9											
-MD10	1E28-06(08)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1D19-10(12)	.I	TI	-2.0	0.5	4.0	IN1	74S258	74S258	VMAS	D6
	1D20-15	.I	TOT	20.0	-6.50	1.0	Q5	74S374	74S374	MD	B6
	1A19-13	.I	TI	-0.40	0.5	8.1	IN7	74S240	74S240	MDS	D6
	1A09-13	I	TI	-0.40	0.5	2.6	IN7	74S240	74S240	MD	D6
-3.60(0.17)/20.0(-6.50) 20.2											
-MD11	1E28-07(09)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1D19-13(15)	.I	TI	-2.0	0.5	4.3	IN1	74S258	74S258	VMAS	D6
	1D20-12	.I	TOT	20.0	-6.50	1.0	Q4	74S374	74S374	MD	B6
	1A19-11	.I	TI	-0.40	0.5	8.1	IN8	74S240	74S240	MDS	D6
	1A09-11	I	TI	-0.40	0.5	2.6	IN8	74S240	74S240	MD	D6
-3.60(0.17)/20.0(-6.50) 20.5											
-MD12	1E29-11(13)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1D20-09	.I	TOT	20.0	-6.50	4.5	Q3	74S374	74S374	MD	B6
	1C16-03(05)	.I	TI	-2.0	0.5	1.3	IN1	74S258	74S258	VMAS	D5
	1A19-08	.I	TI	-0.40	0.5	7.4	IN4	74S240	74S240	MDS	D6
	1A09-08	I	TI	-0.40	0.5	2.6	IN4	74S240	74S240	MD	D6
-3.60(0.17)/20.0(-6.50) 20.3											

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-MD13	1E29-12(14)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1D20-06	.1	TOT	20.0	-6.50	4.6	Q2	74S374	74S374	MD	B6
	1C16-06(08)	.1	TI	-2.0	0.5	1.2	IN1	74S258	74S258	VMAS	D5
	1A19-06	.1	TI	-0.40	0.5	7.4	IN3	74S240	74S240	MDS	D6
	1A09-06	.1	TI	-0.40	0.5	2.6	IN3	74S240	74S240	MD	D8
				-3.60(0.17)/20.0(-6.50)			20.3				
-MD14	1E29-13(16)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1D20-05	.1	TOT	20.0	-6.50	4.6	Q1	74S374	74S374	MD	B6
	1C16-10(12)	.1	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	D5
	1A19-04	.1	TI	-0.40	0.5	7.7	IN2	74S240	74S240	MDS	D6
	1A09-04	.1	TI	-0.40	0.5	2.6	IN2	74S240	74S240	MD	D6
				-3.60(0.17)/20.0(-6.50)			20.4				
-MD15	1E29-14(16)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1D20-02	.1	TOT	20.0	-6.50	4.8	Q0	74S374	74S374	MD	B6
	1C16-13(15)	.1	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	D5
	1A19-02	.1	TI	-0.40	0.5	7.7	IN1	74S240	74S240	MDS	D6
	1A09-02	.1	TI	-0.40	0.5	2.6	IN1	74S240	74S240	MD	D6
				-3.60(0.17)/20.0(-6.50)			20.6				
-MD16	1E29-15(17)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C18-03(05)	.1	TI	-2.0	0.5	6.1	IN1	74S258	74S258	VMAS	D4
	1C19-10	.1	TOT	20.0	-6.50	.8	Q7	74S374	74S374	MD	B5
	1A17-17	.1	TI	-0.40	0.5	4.9	IN5	74S240	74S240	MDS	D5
	1A04-17	.1	TI	-0.40	0.5	3.9	IN5	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			20.2				
-MD17	1E29-01(03)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C18-06(08)	.1	TI	-2.0	0.5	5.6	IN1	74S258	74S258	VMAS	D4
	1C19-16	.1	TOT	20.0	-6.50	.8	Q5	74S374	74S374	MD	B5
	1A17-15	.1	TI	-0.40	0.5	4.9	IN6	74S240	74S240	MDS	D5
	1A04-15	.1	TI	-0.40	0.5	3.9	IN6	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			19.7				
-MD18	1E29-02(04)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C18-10(12)	.1	TI	-2.0	0.5	5.4	IN1	74S258	74S258	VMAS	D4
	1C19-15	.1	TOT	20.0	-6.50	1.0	Q5	74S374	74S374	MD	B5
	1A17-13	.1	TI	-0.40	0.5	4.9	IN7	74S240	74S240	MDS	D5
	1A04-13	.1	TI	-0.40	0.5	3.9	IN7	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			19.7				
-MD19	1E29-03(05)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C18-13(15)	.1	TI	-2.0	0.5	5.5	IN1	74S258	74S258	VMAS	D4
	1C19-12	.1	TOT	20.0	-6.50	1.0	Q4	74S374	74S374	MD	B5
	1A17-11	.1	TI	-0.40	0.5	4.9	IN8	74S240	74S240	MDS	D5
	1A04-11	.1	TI	-0.40	0.5	3.9	IN8	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			19.8				
-MD2	1E28-13(15)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-15	.1	TOT	20.0	-6.50	5.8	Q5	74S374	74S374	MD	B8
	1A15-13	.1	TI	-0.40	0.5	7.4	IN7	74S240	74S240	MDS	D8
	1A05-13	.1	TI	-0.40	0.5	2.6	IN7	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.50)			18.8				
-MD20	1E29-04(06)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C19-09	.1	TOT	20.0	-6.50	6.2	Q3	74S374	74S374	MD	B5
	1C20-03(05)	.1	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMAS	D3
	1A17-08	.1	TI	-0.40	0.5	4.4	IN4	74S240	74S240	MDS	D5
	1A04-08	.1	TI	-0.40	0.5	3.9	IN4	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			20.1				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2104							
SIGNAL	NAME LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-MD21	1E29-05(07)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C19-06	.1	TOT	20.0	-6.50	6.3	Q2	74S374	74S374	MD	B5
	1C20-06(08)	.1	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	D3
	1A17-06	.1	TI	-0.40	0.5	4.4	IN3	74S240	74S240	MDS	D5
	1A04-06	.1	TI	-0.40	0.5	3.9	IN3	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			20.1				
-MD22	1E29-06(08)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C19-05	.1	TOT	20.0	-6.50	6.4	Q1	74S374	74S374	MD	B5
	1C20-10(12)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	D3
	1A17-04	.1	TI	-0.40	0.5	4.7	IN2	74S240	74S240	MDS	D5
	1A04-04	.1	TI	-0.40	0.5	3.9	IN2	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			20.4				
-MD23	1E29-07(09)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B4
	1C19-02	.1	TOT	20.0	-6.50	6.6	Q0	74S374	74S374	MD	B5
	1C20-13(15)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	D3
	1A17-02	.1	TI	-0.40	0.5	4.7	IN1	74S240	74S240	MDS	D5
	1A04-02	.1	TI	-0.40	0.5	3.9	IN1	74S240	74S240	MD	D5
				-3.60(0.17)/20.0(-6.50)			20.6				
-MD24	1E30-11(13)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-19	.1	TOT	20.0	-6.50	7.2	Q7	74S374	74S374	MD	B3
	1A11-17	.1	TI	-0.40	0.5	3.3	IN5	74S240	74S240	MDS	D3
	1A02-17	.1	TI	-0.40	0.5	2.7	IN5	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			16.2				
-MD25	1E30-12(14)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-16	.1	TOT	20.0	-6.50	7.0	Q6	74S374	74S374	MD	B3
	1A11-15	.1	TI	-0.40	0.5	3.3	IN6	74S240	74S240	MDS	D3
	1A02-15	.1	TI	-0.40	0.5	2.7	IN6	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			16.0				
-MD26	1E30-13(15)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-15	.1	TOT	20.0	-6.50	6.9	Q5	74S374	74S374	MD	B3
	1A11-13	.1	TI	-0.40	0.5	3.3	IN7	74S240	74S240	MDS	D3
	1A02-13	.1	TI	-0.40	0.5	2.7	IN7	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			15.9				
-MD27	1E30-14(16)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-12	.1	TOT	20.0	-6.50	6.8	Q4	74S374	74S374	MD	B3
	1A11-11	.1	TI	-0.40	0.5	3.3	IN8	74S240	74S240	MDS	D3
	1A02-11	.1	TI	-0.40	0.5	2.7	IN8	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			15.8				
-MD28	1E30-15(17)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-09	.1	TOT	20.0	-6.50	7.1	Q3	74S374	74S374	MD	B3
	1A11-08	.1	TI	-0.40	0.5	3.4	IN4	74S240	74S240	MDS	D3
	1A02-08	.1	TI	-0.40	0.5	2.7	IN4	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			16.2				
-MD29	1E30-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-06	.1	TOT	20.0	-6.50	6.8	Q2	74S374	74S374	MD	B3
	1A11-06	.1	TI	-0.40	0.5	3.4	IN3	74S240	74S240	MDS	D3
	1A02-06	.1	TI	-0.40	0.5	2.7	IN3	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)			15.9				
-MD3	1E28-14(16)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-12	.1	TOT	20.0	-6.50	5.7	Q4	74S374	74S374	MD	B8
	1A15-11	.1	TI	-0.40	0.5	7.4	IN8	74S240	74S240	MDS	D8
	1A05-11	.1	TI	-0.40	0.5	2.6	IN8	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.50)			18.7				

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80		2104					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DPTYPE	BODY	FILE	POS
-MD30	1E30-02(04)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-05	.i	TOT	20.0	-6.50	6.9	01	74S374	74S374	MD	B3
	1A11-04	.i	TI	-0.40	0.5	3.4	IN2	74S240	74S240	MDS	D3
	1A02-04	.i	TI	-0.40	0.5	2.7	IN2	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)		16.0					
-MD31	1F30-03(05)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B7
	1B16-02	.i	TOT	20.0	-6.50	7.0	00	74S374	74S374	MD	B3
	1A11-02	.i	TI	-0.40	0.5	3.4	IN1	74S240	74S240	MDS	D3
	1A02-02	.i	TI	-0.40	0.5	2.7	IN1	74S240	74S240	MD	D3
				-1.60(0.12)/20.0(-6.50)		16.1					
-MD4	1E28-15(17)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-09	.i	TOT	20.0	-6.50	5.9	03	74S374	74S374	MD	B8
	1A15-08	.i	TI	-0.40	0.5	7.5	IN4	74S240	74S240	MDS	D8
	1A05-08	.i	TI	-0.40	0.5	2.6	IN4	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.50)		19.0					
-MD5	1E28-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-08	.i	TOT	20.0	-6.50	5.7	02	74S374	74S374	MD	B8
	1A15-06	.i	TI	-0.40	0.5	7.4	IN3	74S240	74S240	MDS	D8
	1A05-06	.i	TI	-0.40	0.5	2.6	IN3	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.60)		18.7					
-MD6	1E28-02(04)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-05	.i	TOT	20.0	-6.50	5.8	01	74S374	74S374	MD	B8
	1A15-04	.i	TI	-0.40	0.5	7.5	IN2	74S240	74S240	MDS	D8
	1A05-04	.i	TI	-0.40	0.5	2.6	IN2	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.50)		18.9					
-MD7	1E28-03(05)	.	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1C17-02	.i	TOT	20.0	-6.50	5.9	00	74S374	74S374	MD	B8
	1A15-02	.i	TI	-0.40	0.5	7.4	IN1	74S240	74S240	MDS	D8
	1A05-02	.i	TI	-0.40	0.5	2.6	IN1	74S240	74S240	MD	D8
				-1.60(0.12)/20.0(-6.50)		18.9					
-MD8	1F28-04(06)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1D19-03(05)	.i	TI	-2.0	0.5	4.4	IN1	74S258	74S258	VMAS	D6
	1D20-19	.i	TOT	20.0	-6.50	.8	07	74S374	74S374	MD	B6
	1A19-17	.i	TI	-0.40	0.5	8.1	IN5	74S240	74S240	MDS	D6
	1A09-17	.i	TI	-0.40	0.5	2.6	IN5	74S240	74S240	MD	D6
				-3.60(0.17)/20.0(-6.50)		20.4					
-MD9	1F28-05(07)	\	TI	-0.80	0.2		I	93S48	93S48	TRAP	B1
	1D19-06(08)	.i	TI	-2.0	0.5	4.3	IN1	74S258	74S258	VMAS	D6
	1D20-16	.i	TOT	20.0	-6.50	.8	06	74S374	74S374	MD	B6
	1A19-15	.i	TI	-0.40	0.5	8.1	IN6	74S240	74S240	MDS	D6
	1A09-15	.i	TI	-0.40	0.5	2.6	IN6	74S240	74S240	MD	D6
				-3.60(0.17)/20.0(-6.50)		20.3					
MDCLA	1E19-11	.	TI	-0.25	0.5		CLK^	74S374	74S374	MD	B2
	1D16-06(09)	.i	TO	20.0	-1.0	2.0		74S51	74S51	MD	D2
	1D20-11	.i	TI	-0.25	0.5	2.2	CLK^	74S374	74S374	MD	B6
	1C17-11	.i	TI	-0.25	0.5	1.6	CLK^	74S374	74S374	MD	B8
	1C19-11	.i	TI	-0.25	0.5	1.4	CLK^	74S374	74S374	MD	B5
	1B16-11	.i	TI	-0.25	0.5	1.6	CLK^	74S374	74S374	MD	B3
				-1.25(0.25)/20.0(-1.0)		14.8					
-MDDRIVE	1A08-06(09)	\	TO	20.0	-1.0			74S00	74S00	MD	C2
	1A09-19	.i	TI	-2.0	0.5	1.2	-ENB	74S240	74S240	MD	D6
	1A09-01	.i	TI	-2.0	0.5	.8	-ENB	74S240	74S240	MD	D6
	1A05-01	.i	TI	-2.0	0.5	1.7	-ENB	74S240	74S240	MD	D8
	1A05-19	.i	TI	-2.0	0.5	.8	-ENB	74S240	74S240	MD	D8
	1A04-01	.i	TI	-2.0	0.5	.7	-ENB	74S240	74S240	MD	D5
	1A04-19	.i	TI	-2.0	0.5	.8	-ENB	74S240	74S240	MD	D5
	1A02-01	.i	TI	-2.0	0.5	1.2	-ENB	74S240	74S240	MD	D3
	1A02-19	.i	TI	-2.0	0.5	.8	-ENB	74S240	74S240	MD	D3
				-16.0(0.40)/20.0(-1.0)		18.5					

OVERLOADED 2

CADR PROCESSOR SIGNAL NAME LOC(PIN#)		Z	CADRWD;CADR4 WLR			29-FEB-80 2104	USE	DIPTYPE	BODY	FILE	POS
			TYPE	LOW	HI	INCHES					
MIDGETSPAR 1E19-17 1F07-08(11)		i	TI TO	-0.25 20.0	0.5 -1.0	2.3 -0.25(0.5)/20.0(-1.0)	D6	74S374 74S08	74S374 74S08	MD MD	B2 C1
MIIASPAR 3F30-02(05) 1E19-18		i	TIS TOT	-2.0 20.0	0.5 -6.50	19.1 -2.0(0.5)/20.0(-6.50)	Q6	74S20 74S374	74S20 74S374	TRAP MD	D3 B2
MDPAR 1E19-19 1D12-13(16)		i	TOT II	20.0 -2.0	-6.50 0.5	2.3 -2.0(0.5)/20.0(-6.50)	Q7	74S374 74S86	74S374 74S86	MD TRAP	B2 C2
MDPARERR 3F30-01(04) 1D12-11(14)		i	TIS TO	-2.0 20.0	0.5 -1.0	19.9 -2.0(0.5)/20.0(-1.0)		74S20 74S86	74S20 74S86	TRAP TRAP	D3 C2
MDPAREVEN 1F30-10(12) 1D12-12(15)		i	TO II	20.0 -2.0	-1.0 0.5	4.2 -2.0(0.5)/20.0(-1.0)	0	93S48 74S86	93S48 74S86	TRAP TRAP	B7 C2
MDPARL 1E30-04(06) 1E28-09(11)		i	TI TO	-0.80 20.0	0.2 -1.0	1.8 -0.80(0.2)/20.0(-1.0)	I E	93S48 93S48	93S48 93S48	TRAP TRAP	B7 B1
MDPARM 1F30-05(07) 1E29-09(11)		i	TI TO	-0.80 20.0	0.2 -1.0	1.3 -0.80(0.2)/20.0(-1.0)	I E	93S48 93S48	93S48 93S48	TRAP TRAP	B7 B4
MDPARODD 1F30-09(11) 1B05-08		i	TO TI	20.0 -0.40	-1.0 0.5	10.9 -0.40(0.5)/20.0(-1.0)	E IN4	93S48 74S240	93S48 74S240	TRAP MDS	B7 D2
-MDS0 1C29-04(06) 1C17-18		i	TOT TI	20.0 -0.25	-1.0 0.5	3.3 -0.25(0.5)/20.0(-1.0)	-OUT D7	74S258 74S374	74S258 74S374	MDS MD	B8 B8
-MDS1 1C29-07(09) 1C17-17		i	TOT II	20.0 -0.25	-1.0 0.5	3.4 -0.25(0.5)/20.0(-1.0)	-OUT D6	74S258 74S374	74S258 74S374	MDS MD	B8 B8
-MDS10 1D20-14 1C26-09(11)		i	TI TOT	-0.25 20.0	0.5 -1.0	3.0 -0.25(0.5)/20.0(-1.0)	D5 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B6
-MDS11 1D20-13 1C26-12(14)		i	TI TO	-0.25 20.0	0.5 -1.0	2.7 -0.25(0.5)/20.0(-1.0)	D4 -OU1	74S374 74S258	74S374 74S258	MD MDS	B6 B6
-MDS12 1D20-08 1B27-04(06)		i	TI TOT	-0.25 20.0	0.5 -1.0	4.8 -0.25(0.5)/20.0(-1.0)	D3 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B5
-MDS13 1D20-07 1B27-07(09)		i	TI TOT	-0.25 20.0	0.5 -1.0	5.0 -0.25(0.5)/20.0(-1.0)	D2 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B5

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2104						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPIYPE	BODY	FILE	POS
-MDS14	1D20-04 1B27-09(11)	i	II TOT	-0.25 20.0	0.5 -1.0	5.0	D1 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B5
				-0.25(0.5)/20.0(-1.0)							
-MDS15	1D20-03 1B27-12(14)	i	II TOT	-0.25 20.0	0.5 -1.0	4.0	D0 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B5
				-0.25(0.5)/20.0(-1.0)							
-MDS16	1C19-18 1B30-04(06)	i	II TOT	-0.25 20.0	0.5 -1.0	4.8	D7 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B4
				-0.25(0.5)/20.0(-1.0)							
-MDS17	1C19-17 1B30-07(09)	i	II TOT	-0.25 20.0	0.5 -1.0	4.9	D8 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B4
				-0.25(0.5)/20.0(-1.0)							
-MDS18	1C19-14 1B30-09(11)	i	II TOT	-0.25 20.0	0.5 -1.0	4.5	D5 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B4
				-0.25(0.5)/20.0(-1.0)							
-MDS19	1C19-13 1B30-12(14)	i	II TOT	-0.25 20.0	0.5 -1.0	4.3	D4 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B4
				-0.25(0.5)/20.0(-1.0)							
-MDS2	1C29-09(11) 1C17-14	i	TOT II	20.0 -0.25	-1.0 0.5	3.1	-OUT D5	74S258 74S374	74S258 74S374	MDS MD	B8 B8
				-0.25(0.5)/20.0(-1.0)							
-MDS20	1C19-08 1A28-04(06)	i	II TOT	-0.25 20.0	0.5 -1.0	5.7	D3 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS21	1C19-07 1A28-07(09)	i	II TOT	-0.25 20.0	0.5 -1.0	5.9	D2 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS22	1C19-04 1A28-09(11)	i	II TOT	-0.25 20.0	0.5 -1.0	5.8	D1 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS23	1C19-03 1A28-12(14)	i	II TOT	-0.25 20.0	0.5 -1.0	5.7	D0 -OUT	74S374 74S258	74S374 74S258	MD MDS	B5 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS24	2B05-04(06) 1B16-18	i	TOT II	20.0 -0.25	-1.0 0.5	6.0	-OUT D7	74S258 74S374	74S258 74S374	MDS MD	B2 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS25	2B05-07(09) 1B16-17	i	TOT II	20.0 -0.25	-1.0 0.5	6.2	-OUT D6	74S258 74S374	74S258 74S374	MDS MD	B2 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS26	2B05-09(11) 1B16-14	i	TOT II	20.0 -0.25	-1.0 0.5	5.9	-OUT D6	74S258 74S374	74S258 74S374	MDS MD	B2 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS27	2B05-12(14) 1B16-13	i	TOT II	20.0 -0.25	-1.0 0.5	5.6	-OUT D4	74S258 74S374	74S258 74S374	MDS MD	B2 B3
				-0.25(0.5)/20.0(-1.0)							
-MDS28	1B16-08 1A30-04(06)	i	II TOT	-0.25 20.0	0.5 -1.0	5.8	D3 -OUT	74S374 74S258	74S374 74S258	MD MDS	B3 B1
				-0.25(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-MDS29	1B16-07 1A30-07(09)	i	TI TOT	-0.25 20.0	0.5 -1.0	5.7	D2 -OUT	74S374 74S258	74S374 74S258	MD MDS	B3 B1	
-MDS3	1C29-12(14) 1C17-13	i	TOT TI	20.0 -0.25	-1.0 0.5	2.8	-OUT D4	74S258 74S374	74S258 74S374	MDS MD	B8 B8	
-MDS30	1B16-04 1A30-09(11)	i	TI TOT	-0.25 20.0	0.5 -1.0	5.7	D1 -OUT	74S374 74S258	74S374 74S258	MD MDS	B3 B1	
-MDS31	1B16-03 1A30-12(14)	i	TI TOT	-0.25 20.0	0.5 -1.0	5.6	D0 -OUT	74S374 74S258	74S374 74S258	MD MDS	B3 B1	
-MDS4	2B02-04(06) 1C17-08	i	TOT TI	20.0 -0.25	-1.0 0.5	5.8	-OUT D3	74S258 74S374	74S258 74S374	MDS MD	B7 B8	
-MDS5	2B02-07(09) 1C17-07	i	TOT TI	20.0 -0.25	-1.0 0.5	6.1	-OUT D2	74S258 74S374	74S258 74S374	MDS MD	B7 B8	
-MDS6	2B02-09(11) 1C17-04	i	TOT TI	20.0 -0.25	-1.0 0.5	6.4	-OUT D1	74S258 74S374	74S258 74S374	MDS MD	B7 B8	
-MDS7	2B02-12(14) 1C17-03	i	TOT TI	20.0 -0.25	-1.0 0.5	6.2	-OUT D0	74S258 74S374	74S258 74S374	MDS MD	B7 B8	
-MDS8	1D20-18 1C26-04(06)	i	TI TOT	-0.25 20.0	0.5 -1.0	3.1	D7 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B6	
-MDS9	1D20-17 1C26-07(09)	i	TI TOT	-0.25 20.0	0.5 -1.0	3.3	D6 -OUT	74S374 74S258	74S374 74S258	MD MDS	B6 B6	
MDSFLA	1D27-01(04) 2B05-01(03) 1B30-01(03) 1A28-01(03) 1A30-01(03)	\ i i i i	TI TI TI TI TI	20.0 -4.0 -4.0 -4.0 -4.0	-1.0 0.10 0.10 0.10 0.10	7.8 3.0 3.0 2.1 1.4	SF1 SF1 SF1 SF1 SF1	74S02 74S258 74S258 74S258 74S258	74S020 74S258 74S258 74S258 74S258	VCTL2 MDS MDS MDS MDS	C2 B2 B4 B3 B1	
				-16.0(0.40)/20.0(-1.0)			16.8				OVERLOADED	___ 2
MDSFLB	2B02-01(03) 1B27-01(03) 1C29-01(03) 1C26-01(03) 1D27-04(07)	\ i i i i	TI TI TI TI TO	-4.0 -4.0 -4.0 -4.0 20.0	0.10 0.10 0.10 0.10 -1.0	3.0 2.1 1.9 2.7	SF1 SF1 SEL SF1	74S258 74S258 74S258 74S258	74S258 74S258 74S258 74S258	MDS MDS MDS MDS	B7 B5 B8 B6	
				-16.0(0.40)/20.0(-1.0)			14.2				OVERLOADED	___ 2
MEM0	1C29-02(04) 1B15003-02(04) 1A15-03 1B31-12	. i i i	TI TZ TOT	-2.0 -20.0 64.0	0.5 0.0 -15.0	5.0 3.2	IN0 -OUT5 COM	74S258 SIP220/330-8 74S240	74S258 SIP220/330-8 74S240	MDS MDS MDS	B8 BCTERM B1 D8	
				-22.0(0.5)/64.0(-15.0)			16.7				HEAVILY LOADED	___ 0
MEM1	1C29-05(07) 1B15003-03(05) 1A15-05 1B31-11	. i i i	TI TZ TOT	-2.0 -20.0 64.0	0.5 0.0 -15.0	5.2 3.1	IN0 -OUT6 COM	74S258 SIP220/330-8 74S240	74S258 SIP220/330-8 74S240	MDS MDS MDS	B8 BCTERM B1 D8	
				-22.0(0.5)/64.0(-15.0)			16.9				HEAVILY LOADED	___ 0

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2104						
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MEM10	1C26-11(13)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B6	
	1A19-07	.i	TOT	64.0	-15.0	8.0	-OUT7	74S240	74S240	MDS	D6	
	1B15020-06(15)	.i	TZ	-20.0	0.0	3.2		SIP220/330-8		SIP220/330-8	BCTERM B2	
	1B31-02	.i	TI				CON		BCPINS	A3		
				-22.0(0.5)/64.0(-15.0)			18.0	HEAVILY LOADED				___ 0
MEM11	1C26-14(16)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B6	
	1A19-09	.i	TOT	64.0	-15.0	7.9	-OUT8	74S240	74S240	MDS	D6	
	1B15020-07(14)	.i	TZ	-20.0	0.0	3.3		SIP220/330-8		SIP220/330-8	BCTERM B2	
	1B31-01	.i	TI				CON		BCPINS	A3		
				-22.0(0.5)/64.0(-15.0)			18.2	HEAVILY LOADED				___ 0
MEM12	1AJ1-20	.					CON				D1	
	1A19-12	.i	TOT	64.0	-15.0	5.4	-OUT4	74S240	74S240	MDS	D6	
	1B20003-02(04)	.i	TZ	-20.0	0.0	2.4		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B27-02(04)	.i	TI	-2.0	0.5	3.1	INO	74S258	74S258	MDS	B5	
				-22.0(0.5)/64.0(-15.0)			13.9	HEAVILY LOADED				___ 0
MEM13	1AJ1-19	.					CON				D1	
	1A19-14	.i	TOT	64.0	-15.0	5.2	-OUT3	74S240	74S240	MDS	D6	
	1B20003-03(05)	.i	TZ	-20.0	0.0	2.4		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B27-06(07)	.i	TI	-2.0	0.5	3.3	INO	74S258	74S258	MDS	B5	
				-22.0(0.5)/64.0(-15.0)			13.9	HEAVILY LOADED				___ 0
MEM14	1AJ1-18	.					CON				C1	
	1A19-16	.i	TOT	64.0	-15.0	5.0	-OUT2	74S240	74S240	MDS	D6	
	1B20003-04(06)	.i	TZ	-20.0	0.0	2.4		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B27-11(13)	.i	TI	-2.0	0.5	3.4	INO	74S258	74S258	MDS	B5	
				-22.0(0.5)/64.0(-15.0)			13.8	HEAVILY LOADED				___ 0
MEM15	1AJ1-17	.					CON				C1	
	1A19-18	.i	TOT	64.0	-15.0	4.8	-OUT1	74S240	74S240	MDS	D6	
	1B20003-05(07)	.i	TZ	-20.0	0.0	2.4		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B27-14(16)	.i	TI	-2.0	0.5	3.1	INO	74S258	74S258	MDS	B5	
				-22.0(0.5)/64.0(-15.0)			13.3	HEAVILY LOADED				___ 0
MEM16	1AJ1-16	.					CON				C1	
	1A17-03	.i	TOT	64.0	-15.0	4.7	-OUT5	74S240	74S240	MDS	D5	
	1B20003-06(08)	.i	TZ	-20.0	0.0	1.7		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B30-02(04)	.i	TI	-2.0	0.5	2.2	INO	74S258	74S258	MDS	B4	
				-22.0(0.5)/64.0(-15.0)			11.6	HEAVILY LOADED				___ 0
MEM17	1AJ1-15	.					CON				C1	
	1A17-05	.i	TOT	64.0	-15.0	4.9	-OUT6	74S240	74S240	MDS	D5	
	1B20003-07(09)	.i	TZ	-20.0	0.0	1.7		SIP220/330-8		SIP220/330-8	BCTERM B4	
	1B30-05(07)	.i	TI	-2.0	0.5	2.4	INO	74S258	74S258	MDS	B4	
				-22.0(0.5)/64.0(-15.0)			12.0	HEAVILY LOADED				___ 0
MEM18	1AJ1-14	.					CON				C1	
	1B20020-02(19)	.i	TZ	-20.0	0.0	4.8		SIP220/330-8		SIP220/330-8	BCTERM B5	
	1A17-07	.i	TOI	64.0	-15.0	2.0	-OUT7	74S240	74S240	MDS	D5	
	1B30-11(13)	.i	TI	-2.0	0.5	3.2	INO	74S258	74S258	MDS	B4	
				-22.0(0.5)/64.0(-15.0)			13.0	HEAVILY LOADED				___ 0
MEM19	1AJ1-13	.					CON				C1	
	1B20020-03(18)	.i	TZ	-20.0	0.0	4.9		SIP220/330-8		SIP220/330-8	BCTERM B6	
	1A17-09	.i	TOT	64.0	-15.0	2.1	-OUT8	74S240	74S240	MDS	D5	
	1B30-14(16)	.i	TI	-2.0	0.5	2.8	INO	74S258	74S258	MDS	B4	
				-22.0(0.5)/64.0(-15.0)			12.8	HEAVILY LOADED				___ 0
MEM2	1C29-11(13)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B8	
	1B16003-04(06)	.i	TZ	-20.0	0.0	5.4		SIP220/330-8		SIP220/330-8	BCTERM B1	
	1A15-07	.i	TOT	64.0	-15.0	3.2	-OUT7	74S240	74S240	MDS	D8	
	1B31-10	.i	TI				CON		BCPINS	B3		
				-22.0(0.5)/64.0(-15.0)			17.2	HEAVILY LOADED				___ 0

CADR PROFESSOR		CADRWD:CADR4 WLR			29-FEB-80 2104						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
MEM20	1AJ1-12	i	TZ	-20.0	0.0	5.1	CON		BCPINS	B1	
	1B20020-04(17)	i	TOT	64.0	-15.0	1.7	-OUT4	SIP220/330-8		SIP220/330-8	BCTERM B5
	1A17-12	i	IZ	-2.0	0.5	2.3	INO	74S240	74S240	MDS D5	
	1A28-02(04)	i	II	-22.0(0.5)/64.0	(-15.0)		12.1	74S258	74S258	MDS B3	
										HEAVILY LOADED	0
MEM21	1AJ1-11	i	TZ	-20.0	0.0	5.2	CON		BCPINS	B1	
	1B20020-05(16)	i	TOT	64.0	-15.0	1.7	-OUT3	SIP220/330-8		SIP220/330-8	BCTERM B5
	1A17-14	i	IZ	-2.0	0.5	2.8	INO	74S240	74S240	MDS D5	
	1A28-05(07)	i	II	-22.0(0.5)/64.0	(-15.0)		12.7	74S258	74S258	MDS B3	
										HEAVILY LOADED	0
MEM22	1AJ1-10	i	TZ	-20.0	0.0	5.3	CON		BCPINS	B1	
	1B20020-06(15)	i	TOT	64.0	-15.0	1.7	-OUT2	SIP220/330-8		SIP220/330-8	BCTERM B5
	1A17-16	i	IZ	-2.0	0.5	3.0	INO	74S240	74S240	MDS D5	
	1A28-11(13)	i	II	-22.0(0.5)/64.0	(-15.0)		13.0	74S258	74S258	MDS B3	
										HEAVILY LOADED	0
MEM23	1AJ1-09	i	TOT	64.0	-15.0	4.7	-OUT1	74S240	74S240	MDS D5	
	1A17-18	i	IZ	-20.0	0.0	1.7	INO	SIP220/330-8		SIP220/330-8	BCTERM B5
	1B20020-07(14)	i	II	-2.0	0.5	3.1	INO	74S258	74S258	MDS B3	
	1A28-14(16)	i	II	-22.0(0.5)/64.0	(-15.0)		12.5			HEAVILY LOADED	0
MEM24	1AJ1-08	i	TOT	64.0	-15.0	3.7	-OUT5	74S240	74S240	MDS D3	
	1A11-03	i	IZ	-20.0	0.0	2.9	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-02(04)	i	II	-2.0	0.5	4.1	INO	74S258	74S258	MDS B2	
	2B05-02(04)	i	II	-22.0(0.5)/64.0	(-15.0)		13.7			HEAVILY LOADED	0
MEM25	1AJ1-07	i	TOT	64.0	-15.0	4.0	-OUT6	74S240	74S240	MDS D3	
	1A11-05	i	IZ	-20.0	0.0	2.8	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-03(05)	i	II	-2.0	0.5	4.3	INO	74S258	74S258	MDS B2	
	2B05-05(07)	i	II	-22.0(0.5)/64.0	(-15.0)		14.1			HEAVILY LOADED	0
MEM26	1AJ1-06	i	TOT	64.0	-15.0	4.2	-OUT7	74S240	74S240	MDS D3	
	1A11-07	i	IZ	-20.0	0.0	2.7	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-04(06)	i	II	-2.0	0.5	4.4	INO	74S258	74S258	MDS B2	
	2B05-11(13)	i	II	-22.0(0.5)/64.0	(-15.0)		14.3			HEAVILY LOADED	0
MEM27	1AJ1-05	i	TOT	64.0	-15.0	4.4	-OUT8	74S240	74S240	MDS D3	
	1A11-09	i	IZ	-20.0	0.0	2.6	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-05(07)	i	II	-2.0	0.5	4.0	INO	74S258	74S258	MDS B2	
	2B05-14(18)	i	II	-22.0(0.5)/64.0	(-15.0)		14.0			HEAVILY LOADED	0
MEM28	1AJ1-04	i	TOT	64.0	-15.0	4.6	-OUT4	74S240	74S240	MDS D3	
	1A11-12	i	IZ	-20.0	0.0	2.6	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-06(08)	i	II	-2.0	0.5	3.2	INO	74S258	74S258	MDS B1	
	1A30-02(04)	i	II	-22.0(0.5)/64.0	(-15.0)		13.4			HEAVILY LOADED	0
MEM29	1AJ1-03	i	TOT	64.0	-15.0	4.4	-OUT3	74S240	74S240	MDS D3	
	1A11-14	i	IZ	-20.0	0.0	2.9	INO	SIP220/330-8		SIP220/330-8	BCTERM B7
	1B25003-07(09)	i	II	-2.0	0.5	3.3	INO	74S258	74S258	MDS B1	
	1A30-05(07)	i	II	-22.0(0.5)/64.0	(-15.0)		13.8			HEAVILY LOADED	0
MEM3	1C29-14(16)	i	IZ	-20.0	0.0	5.1	INO	74S258	74S258	MDS B8	
	1B15003-05(07)	i	TOT	64.0	-15.0	3.2	-OUT8	SIP220/330-8		SIP220/330-8	BCTERM B1
	1A15-09	i	IZ	-2.0	0.5	3.2	INO	74S240	74S240	MDS D8	
	1B11-09	i	II	-22.0(0.5)/64.0	(-15.0)		17.0			HEAVILY LOADED	0

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80 2104								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MEM30	1A11-02	.	TOT	64.0	-15.0	4.3	CON		BGPINS	A1		
	1A11-18	.i	TZ	-20.0	0.0	2.5	-OUT2	74S240	74S240	MDS	D3	
	1B25020-02(19)	.i	TI	-2.0	0.5	3.6	INO	SIP220/330-8	74S258	SIP220/330-8	BCTERM	B8
	1A30-11(13)	.i	TI	-22.0(0.5)/64.0(-15.0)		13.4	CON		BGPINS	MDS	B1	HEAVILY LOADED
MEM31	1A11-01	.	TOT	64.0	-15.0	4.2	CON		BGPINS	A1		
	1A11-18	.i	TZ	-20.0	0.0	2.8	-OUT1	74S240	74S240	MDS	D3	
	1B25020-03(18)	.i	TI	-2.0	0.5	3.4	INO	SIP220/330-8	74S258	SIP220/330-8	BCTERM	B8
	1A30-14(16)	.i	TI	-22.0(0.5)/64.0(-15.0)		13.4	CON		BGPINS	MDS	B1	HEAVILY LOADED
MEM4	2B02-02(04)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B7	
	1A15-12	.i	IOF	64.0	-15.0	7.1	-OUT4	74S240	74S240	MDS	D8	
	1B15003-06(08)	.i	TZ	-20.0	0.0	2.9	CON	SIP220/330-8		SIP220/330-8	BCTERM	B1
	1B11-08	.i	TI	-22.0(0.5)/64.0(-15.0)		17.2	CON		BGPINS	MDS	B3	HEAVILY LOADED
MEM5	2B02-05(07)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B7	
	1B15003-07(09)	.i	TZ	-20.0	0.0	6.3	-OUT3	SIP220/330-8	74S240	SIP220/330-8	BCTERM	B1
	1A15-14	.i	TOT	64.0	-15.0	2.9	CON	74S240	74S240	MDS	D8	
	1B11-07	.i	TI	-22.0(0.5)/64.0(-15.0)		17.4	CON		BGPINS	MDS	B3	HEAVILY LOADED
MEM6	2B02-11(13)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B7	
	1A15-16	.i	IOF	64.0	-15.0	7.9	-OUT2	74S240	74S240	MDS	D8	
	1B15020-02(19)	.i	TZ	-20.0	0.0	3.2	CON	SIP220/330-8		SIP220/330-8	BCTERM	B2
	1B11-06	.i	TI	-22.0(0.5)/64.0(-15.0)		17.6	CON		BGPINS	MDS	A3	HEAVILY LOADED
MEM7	2B02-14(16)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B7	
	1A15-18	.i	IOF	64.0	-15.0	7.9	-OUT1	74S240	74S240	MDS	D8	
	1B15020-03(18)	.i	TZ	-20.0	0.0	3.1	CON	SIP220/330-8		SIP220/330-8	BCTERM	B2
	1B11-05	.i	TI	-22.0(0.5)/64.0(-15.0)		17.6	CON		BGPINS	MDS	A3	HEAVILY LOADED
MEM8	1C26-02(04)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B6	
	1B15020-04(17)	.i	TZ	-20.0	0.0	5.9	-OUT5	SIP220/330-8	74S240	SIP220/330-8	BCTERM	B2
	1A19-03	.i	TOT	64.0	-15.0	3.1	CON	74S240	74S240	MDS	D6	
	1B11-04	.i	TI	-22.0(0.5)/64.0(-15.0)		17.4	CON		BGPINS	MDS	A3	HEAVILY LOADED
MEM9	1C26-05(07)	.	TI	-2.0	0.5		INO	74S258	74S258	MDS	B6	
	1A19-05	.i	IOF	64.0	-15.0	7.8	-OUT16	74S240	74S240	MDS	D6	
	1B15020-05(16)	.i	TZ	-20.0	0.0	3.2	CON	SIP220/330-8		SIP220/330-8	BCTERM	B2
	1B11-03	.i	TI	-22.0(0.5)/64.0(-15.0)		17.8	CON		BGPINS	MDS	A3	HEAVILY LOADED
-MEMACK	2C25003-06(08)	.i	TZ	-15.0	0.0			SIP330/470-8		SIP330/470-8	BCTERM	D8
	1D28-13(16)	.i	TIS	-2.0	0.5	9.0	CON	74S08	74S080	VCIL1	C4	
	1C11-18	.i	TI	-17.0/0.0		17.9	CON		BGPINS	MDS	C5	HEAVILY LOADED
-MEMDRIVE_A	1E06-03(06)	.	TO	20.0	-1.0			74S00	74S00	VCIL2	C2	
	1B05-01	.i	TI	-2.0	0.5	10.9	-ENB	74S240	74S240	MDS	D2	
	1A11-01	.i	TI	-2.0	0.5	2.8	-ENB	74S240	74S240	MDS	D3	
	1A17-01	.i	TI	-2.0	0.5	1.7	-ENB	74S240	74S240	MDS	D5	
	1A19-01	.i	TI	-2.0	0.5	1.4	-ENB	74S240	74S240	MDS	D6	
	1A15-01	.i	TI	-2.0	0.5	1.7	-ENB	74S240	74S240	MDS	D8	
				TI	-10.0(0.25)/20.0(-1.0)		24.5					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC (PIN#)										
-MEMDRIVE B	1E06-06(09)	\	TO	20.0	-1.0			74S00	74S00	VCTL2	C2
	1A11-19	.1	TI	-2.0	0.5	11.2	-FNB	74S240	74S240	MDS	D3
	1A17-19	.1	TI	-2.0	0.5	1.7	-FNB	74S240	74S240	MDS	D5
	1A19-19	.1	TI	-2.0	0.5	1.4	-FNB	74S240	74S240	MDS	D6
	1A15-19	.1	TI	-2.0	0.5	1.7	-FNB	74S240	74S240	MDS	D8
				-8.0(0.20)/20.0(-1.0)			20.5				
-MEMGRANT	3F16-04(07)	\	TIS	-2.0	0.5			74S64	74S64	VCTL1	D8
	2C25803-02(04)	.1	TZ	-15.0	0.0	13.2		SIP330/470-8	SIP330/470-8	BCTERM	D8
	3AJ1-17	.1		-17.0/0.0		19.8	CON	BCPINS		HEAVILY LOADED	0
-MEMOP	1E16-06(09)	.	TO	20.0	-1.0			74S11	74S110	VCTL1	A1
	1D27-09(12)	.1	TI	-2.0	0.5	4.1		74S02	74S020	VCTL1	A2
				-2.0(0.5)/20.0(-1.0)							
MEMPAR IN	1E10-18	\	TI	-0.25	0.5		D7	74S374	74S374	MD	B2
	1B11-13	.1					CON	BCPINS	C3		
	1B25820-04(17)	.1	TZ	-20.0	0.0	6.0		SIP220/330-8	SIP220/330-8	HEAVILY LOADED	BCTERM B8
				-20.26/0.0		16.8					0
MEMPAROK	4DJ1-20	.					CON		CPINS	D8	
	3F19-06(09)	.1	TO	20.0	-1.0	5.5		74S04	74S04	TRAP	D7
				0.0/20.0							
-MEMPAROK	3E10-05(08)	.	TI	-2.0	0.5			74S04	74S04	TRAP	D7
	3F18-13(16)	.1	TO	20.0	-1.0	1.3		74S02	74S020	TRAP	D3
				-2.0(0.5)/20.0(-1.0)							
MEMPAR OUT	3AJ1-20	.					CON		BCPINS	D7	
	1B05-12	.1	TOT	64.0	-15.0	15.4	-OUI4	74S240	74S240	MDS	D2
				0.0/64.0							
MEMPREPARE	1E20-04(06)	.	TI	-2.0	0.5		1D	74S175	74S175	VCTL1	D3
	1D16-09(12)	.1	TIS	-2.0	0.5	.9		74S51	74S51	VCTL1	A7
	1D26-11(14)	.1	TI	-2.0	0.5	2.4		74S04	74S04A	VCTL2	A7
	1D27-10(13)	.1	TO	20.0	-1.0	1.0		74S02	74S020	VCTL1	A2
				-8.0(0.15)/20.0(-1.0)		7.3					
-MEMPREPARE	1D26-10(13)	.	TO	20.0	-1.0			74S04	74S04A	VCTL2	A7
	1D16-13(16)	.1	TIS	-2.0	0.5	2.8		74S51	74S51	VCTL1	A7
				-2.0(0.5)/20.0(-1.0)							
-MEMRD	3D04-11(13)	.	TO	20.0	-1.0		2Y1	74S139	74S139	VCTL2	C7
	1E16-03(06)	.1	TIS	-2.0	0.5	14.4		74S11	74S110	VCTL1	A1
				-2.0(0.5)/20.0(-1.0)							
MEMRQ	1E20-05(07)	.	TI	-2.0	0.5		2D	74S175	74S175	VCTL1	B3
	1D21-07(05)	.1	TI	-2.0	0.5	1.6	D1	74S74	74S74	VCTL1	C2
	1E25-07(09)	.1	TO	20.0	-1.0	1.3	OUT	9S42	9S42	VCTL1	C1
	1D26-09(12)	.1	TI	-2.0	0.5	1.6		74S04	74S04A	VCTL2	A7
				-8.0(0.15)/20.0(-1.0)		7.5					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-MEMRQ	1CJ1-17 1D26-08(11)	i	TO	20.0	-1.0	8.2	COM	74S04	BCPINS 74S04A	C5 VCIL2	A7
MEMSTART	1D27-11(14)	.	TI	-2.0	0.5			74S02	74S02	VMEMO	A7
	1E25-13(15)	i	FIS	-1.60	0.5	2.1	I1	9S42	9S42-1	VCIL1	D1
	1E25-03(05)	i	FIS	-1.00	0.5	.8	I1	9S42	9S42-1	VCIL1	C1
	1E20-02(04)	i	IO	20.0	-1.0	1.0	IO	74S175	74S175	VCIL1	H3
	1D14-11	i	TI	-0.25	0.5	2.4	-LAICH	74S373	74S373	VME-MDR	D5
	1D15-11	i	TI	-0.25	0.5	.0	-LAICH	74S373	74S373	VME-MDR	D8
				-5.70(0.25)/20.0(-1.0)		13.8					
-MEMSTART	1E20-03(05)	\	TO	20.0	-1.0		-1Q	74S175	74S175	VCIL1	B3
	1D10-01(03)	i	TI	-4.0	0.10	2.7	SEL	74S258	74S258	VMAS	D6
	1C16-01(03)	i	TI	-4.0	0.10	1.6	SEL	74S258	74S258	VMAS	D5
	1C18-01(03)	i	TI	-4.0	0.10	1.4	SEL	74S258	74S258	VMAS	D4
	1C20-01(03)	i	TI	-4.0	0.10	1.4	SEL	74S258	74S258	VMAS	D3
				-16.0(0.40)/20.0(-1.0)		11.6				OVERLOADED	2
-MEMWR	3D04-10(12)	\	TO	20.0	-1.0		2Y2	74S139	74S139	VCIL2	C7
	1D16-10(13)	i	FIS	-2.0	0.5	13.8		74S51	74S51	VCIL1	A7
	1E10-04(07)	i	FIS	-2.0	0.5	2.0		74S11	74S110	VCIL1	A1
				-4.0(0.10)/20.0(-1.0)		18.2					
MF0	4C01-12	\	TOT	64.0	-15.0		OUT4	74S241	74S241	PDI PIR	C4
	4C01-03	i	TOT	64.0	-15.0	1.1	OUT6	74S241	74S241	PDI PIR	C4
	4A08-03	i	TOT	64.0	-15.0	6.9	OUT5	74S241	74S241	MIATCH	D8
	1A25-17	i	TI	-0.40	0.5	21.6	IN5	74S241	74S241	MF	C8
	1A20-03	i	TOT	64.0	-15.0	1.7	OUT5	74S241	74S241	LC	D8
	1A13-03	i	TOT	64.0	-15.0	1.9	-OUT5	74S240	74S240	VME-MDR	B8
	1A10-03	i	TOT	64.0	-15.0	1.9	-OUT5	74S240	74S240	VMA	D8
	1A05-03	i	TOT	64.0	-15.0	1.5	-OUT5	74S240	74S240	MD	D8
	1E03-03	i	TOT	64.0	-15.0	12.5	OUT5	74S241	74S241	OPCD	B8
	1E03-12	i	TOT	64.0	-15.0	1.1	OUT4	74S241	74S241	OPCD	B8
	1E12-03	i	TOT	64.0	-15.0	2.1	OUT5	74S241	74S241	QCTL	C8
				-0.40(0.5)/64.0(-15.0)		65.8					
MF1	4C01-14	\	TOT	64.0	-15.0		OUT3	74S241	74S241	PDI PIR	C4
	4C01-05	i	TOT	64.0	-15.0	.8	OUT6	74S241	74S241	PDI PIR	C4
	4A08-05	i	TOT	64.0	-15.0	6.9	OUT6	74S241	74S241	MIATCH	D8
	1A25-15	i	TI	-0.40	0.5	21.6	IN6	74S241	74S241	MF	C8
	1A20-05	i	TOT	64.0	-15.0	1.7	OUT6	74S241	74S241	LC	D8
	1A13-05	i	TOT	64.0	-15.0	1.9	-OUT6	74S240	74S240	VME-MDR	B8
	1A10-05	i	TOT	64.0	-15.0	1.9	-OUT6	74S240	74S240	VMA	D8
	1A05-05	i	TOT	64.0	-15.0	1.5	-OUT6	74S240	74S240	MD	D8
	1E03-05	i	TOT	64.0	-15.0	12.5	OUT6	74S241	74S241	OPCD	B8
	1E03-14	i	TOT	64.0	-15.0	.8	OUT3	74S241	74S241	OPCD	B8
	1E12-05	i	TOT	64.0	-15.0	2.5	OUT6	74S241	74S241	QCTL	C8
				-0.40(0.5)/64.0(-15.0)		65.6					
MF10	4D04-16	\	TOT	64.0	-15.0		OUT2	74S241	74S241	PDI PIR	C1
	4D04-07	i	TOT	64.0	-15.0	.8	OUT7	74S241	74S241	PDI PIR	C1
	4A06-07	i	TOT	64.0	-15.0	7.1	OUT7	74S241	74S241	MIATCH	D8
	1A23-13	i	TI	-0.40	0.5	21.6	IN7	74S241	74S241	MF	C8
	1A24-07	i	TOT	64.0	-15.0	1.3	OUT7	74S241	74S241	LC	D8
	1A14-07	i	TOT	64.0	-15.0	2.6	-OUT7	74S240	74S240	VMA	D8
	1A09-07	i	TOT	64.0	-15.0	1.5	-OUT7	74S240	74S240	MD	D8
	1A03-07	i	TOT	64.0	-15.0	1.7	-OUT7	74S240	74S240	VME-MDR	B5
	1E15-07	i	TOT	64.0	-15.0	13.4	OUT7	74S241	74S241	QCTL	C6
	1E04-07	i	TOT	64.0	-15.0	2.7	OUT7	74S241	74S241	OPCD	B4
	1E04-16	i	TOT	64.0	-15.0	.8	OUT2	74S241	74S241	OPCD	B4
				-0.40(0.5)/64.0(-15.0)		67.0					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2104									
SIGNAL NAME	LOC(PTN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
MF11	4A06-09	\	TOT	64.0	-15.0			OUT8	74S241	74S241	MLATCH	D6	
	4D04-09	.1	TOI	64.0	-15.0	7.1		OUT8	74S241	74S241	PDLPTR	C1	
	4D04-18	.1	TOI	64.0	-15.0	1.1		OUT1	74S241	74S241	PDLPTR	C1	
	1A23-11	.1	TI	-0.40	0.5	21.3		IN8	74S241	74S241	MF	C6	
	1A24-09	.1	TOI	64.0	-15.0	1.3		OUT8	74S241	74S241	LC	D6	
	1A14-09	.1	TOI	64.0	-15.0	2.6		-OUT8	74S240	74S240	VMA	D6	
	1A09-09	.1	TOI	64.0	-15.0	1.5		-OUT8	74S240	74S240	MD	D6	
	1A03-09	.1	TOI	64.0	-15.0	1.7		-OUT8	74S240	74S240	VMFMDR	B5	
	1F15-09	.1	TOI	64.0	-15.0	13.4		OUT8	74S241	74S241	QCIL	C6	
	1F04-09	.1	TOI	64.0	-15.0	2.7		OUT8	74S241	74S241	OPCD	B4	
	1F04-18	.1	TOI	64.0	-15.0	1.1		OUT1	74S241	74S241	OPCD	B4	
				TOT	-0.40(0.5)/64.0	(-15.0)	67.3						
				TOT	64.0	-15.0							
	MF12	4A06-12	\	TOT	64.0	-15.0			OUT4	74S241	74S241	MLATCH	D6
1A23-08		.1	TI	-0.40	0.5	21.8		IN4	74S241	74S241	MF	C6	
1A24-12		.1	TOI	64.0	-15.0	.7		OUT4	74S241	74S241	LC	D6	
1A14-12		.1	TOI	64.0	-15.0	2.6		-OUT4	74S240	74S240	VMA	D6	
1A09-12		.1	TOI	64.0	-15.0	1.5		-OUT4	74S240	74S240	MD	D6	
1A03-12		.1	TOI	64.0	-15.0	1.7		-OUT4	74S240	74S240	VMFMDR	B5	
1F15-12		.1	TOI	64.0	-15.0	13.4		OUT4	74S241	74S241	QCIL	C6	
1F03-12		.1	TOI	64.0	-15.0	2.9		OUT4	74S241	74S241	OPCD	B2	
1F03-03		.1	TOI	64.0	-15.0	1.1		OUT5	74S241	74S241	OPCD	B2	
				TOT	-0.40(0.5)/64.0	(-15.0)	56.2						
				TOT	64.0	-15.0							
MF13		4A06-14	\	TOT	64.0	-15.0			OUT3	74S241	74S241	MLATCH	D6
		1A23-06	.1	TI	-0.40	0.5	21.8		IN3	74S241	74S241	MF	C6
		1A24-14	.1	TOI	64.0	-15.0	.7		OUT3	74S241	74S241	LC	D6
	1A14-14	.1	TOI	64.0	-15.0	2.6		-OUT3	74S240	74S240	VMA	D6	
	1A09-14	.1	TOI	64.0	-15.0	1.5		-OUT3	74S240	74S240	MD	D6	
	1A03-14	.1	TOI	64.0	-15.0	1.7		-OUT3	74S240	74S240	VMFMDR	B5	
	1F15-14	.1	TOI	64.0	-15.0	13.4		OUT3	74S241	74S241	QCIL	C6	
	1F03-14	.1	TOI	64.0	-15.0	2.9		OUT3	74S241	74S241	OPCD	B2	
	1F03-05	.1	TOI	64.0	-15.0	.8		OUT6	74S241	74S241	OPCD	B2	
				TOT	-0.40(0.5)/64.0	(-15.0)	55.9						
				TOT	64.0	-15.0							
	MF14	4A06-16	\	TOT	64.0	-15.0			OUT2	74S241	74S241	MLATCH	D6
		1A23-04	.1	TI	-0.40	0.5	21.8		IN2	74S241	74S241	MF	C6
		1A24-16	.1	TOI	64.0	-15.0	.7		OUT2	74S241	74S241	LC	D6
1A14-16		.1	TOI	64.0	-15.0	2.6		-OUT2	74S240	74S240	VMA	D6	
1A09-16		.1	TOI	64.0	-15.0	1.5		-OUT2	74S240	74S240	MD	D6	
1A03-16		.1	TOI	64.0	-15.0	1.7		-OUT2	74S240	74S240	VMFMDR	B5	
1F15-16		.1	TOI	64.0	-15.0	13.4		OUT2	74S241	74S241	QCIL	C6	
1F03-07		.1	TOI	64.0	-15.0	2.6		OUT7	74S241	74S241	OPCD	B2	
1F03-16		.1	TOI	64.0	-15.0	.8		OUT12	74S241	74S241	OPCD	B2	
				TOT	-0.40(0.5)/64.0	(-15.0)	55.6						
				TOT	64.0	-15.0							
MF15		4A06-18	\	TOT	64.0	-15.0			OUT1	74S241	74S241	MLATCH	D6
		1A23-02	.1	TI	-0.40	0.5	21.8		IN1	74S241	74S241	MF	C6
		1A24-18	.1	TOI	64.0	-15.0	.7		OUT1	74S241	74S241	LC	D6
	1A14-18	.1	TOI	64.0	-15.0	2.6		-OUT1	74S240	74S240	VMA	D6	
	1A09-18	.1	TOI	64.0	-15.0	1.5		-OUT1	74S240	74S240	MD	D6	
	1A03-18	.1	TOI	64.0	-15.0	1.7		-OUT1	74S240	74S240	VMFMDR	B5	
	1F15-18	.1	TOI	64.0	-15.0	13.4		OUT1	74S241	74S241	QCIL	C6	
	1F03-09	.1	TOI	64.0	-15.0	2.2		OUT8	74S241	74S241	OPCD	B2	
	1F03-18	.1	TOI	64.0	-15.0	1.1		OUT1	74S241	74S241	OPCD	B2	
				TOT	-0.40(0.5)/64.0	(-15.0)	55.5						
				TOT	64.0	-15.0							
	MF16	4B09-03	.	TOT	64.0	-15.0			OUT5	74S241	74S241	MLATCH	D5
		1A21-17	.1	TI	-0.40	0.5	21.6		IN5	74S241	74S241	MF	C3
		1A22-03	.1	TOI	64.0	-15.0	1.3		OUT5	74S241	74S241	LC	D5
1A12-03		.1	TOI	64.0	-15.0	2.6		-OUT5	74S240	74S240	VMA	D5	
1A07-03		.1	TOI	64.0	-15.0	1.5		-OUT5	74S240	74S240	VMFMDR	B3	
1A04-03		.1	TOI	64.0	-15.0	1.9		-OUT5	74S240	74S240	MD	D5	
1F10-03		.1	TOI	64.0	-15.0	13.7		OUT5	74S241	74S241	QCIL	C3	
1F02-03		.1	TOI	64.0	-15.0	2.3		OUT5	74S241	74S241	OPCD	D8	
				TOT	-0.40(0.5)/64.0	(-15.0)	53.9						
				TOT	64.0	-15.0							

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2104							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MF29	4B07-14	.	TOT	64.0	-15.0		OUT3	74S241	74S241	MIATCH	D3	
	1B24-00	..	TI	-0.40	0.5	21.8	IN3	74S241	74S241	MF	C1	
	1A16-14	..	TOT	64.0	-15.0	1.8	OUT3	74S241	74S241	LC	D3	
	1A06-14	..	TOT	64.0	-15.0	2.6	-OUT3	74S240	74S240	VMA	D3	
	1A02-14	..	TOT	64.0	-15.0	1.7	-OUT3	74S240	74S240	MD	D3	
	1A01-14	..	TOT	64.0	-15.0	.9	-OUT3	74S240	74S240	VMEMDR	B1	
	1F08-14	..	TOT	64.0	-15.0	13.2	OUT3	74S241	74S241	QCIL	C1	
	1F01-14	..	TOT	64.0	-15.0	1.9	OUT3	74S241	74S241	OPCD	D6	
							-0.40(0.5)/64.0(-15.0)					52.9
MF3	4A08-09	\	TOT	64.0	-15.0		OUT8	74S241	74S241	MIATCH	D8	
	4C01-09	..	TOT	64.0	-15.0	6.9	OUT8	74S241	74S241	PDLPTR	C4	
	4C01-18	..	TOT	64.0	-15.0	1.1	OUT11	74S241	74S241	PDLPTR	C4	
	1A25-11	..	TI	-0.40	0.5	21.3	IN8	74S241	74S241	MF	C8	
	1A20-09	..	TOT	64.0	-15.0	1.7	OUT8	74S241	74S241	LC	D8	
	1A13-09	..	TOT	64.0	-15.0	1.9	-OUT8	74S240	74S240	VMEMDR	B8	
	1A10-09	..	TOT	64.0	-15.0	1.9	-OUT8	74S240	74S240	VMA	D8	
	1A05-09	..	TOT	64.0	-15.0	1.5	-OUT8	74S240	74S240	MD	D8	
	1F03-18	..	TOT	64.0	-15.0	12.8	OUT11	74S241	74S241	OPCD	B8	
	1E03-09	..	TOT	64.0	-15.0	1.1	OUT8	74S241	74S241	OPCD	B8	
1E12-09	..	TOT	64.0	-15.0	2.7	OUT8	74S241	74S241	QCIL	C8		
						-0.40(0.5)/64.0(-15.0)					66.4	
MF30	4B07-16	.	TOT	64.0	-15.0		OUT2	74S241	74S241	MIATCH	D3	
	1B24-04	..	TI	-0.40	0.5	21.8	IN2	74S241	74S241	MF	C1	
	1A16-16	..	TOT	64.0	-15.0	1.8	OUT2	74S241	74S241	LC	D3	
	1A06-16	..	TOT	64.0	-15.0	2.6	-OUT2	74S240	74S240	VMA	D3	
	1A02-16	..	TOT	64.0	-15.0	1.7	-OUT2	74S240	74S240	MD	D3	
	1A01-16	..	TOT	64.0	-15.0	.9	-OUT2	74S240	74S240	VMEMDR	B1	
	1F08-16	..	TOT	64.0	-15.0	13.2	OUT2	74S241	74S241	QCIL	C1	
	1F01-16	..	TOT	64.0	-15.0	1.9	OUT2	74S241	74S241	OPCD	D6	
							-0.40(0.5)/64.0(-15.0)					52.9
MF31	4B07-18	.	TOT	64.0	-15.0		OUT11	74S241	74S241	MIATCH	D3	
	1B24-02	..	TI	-0.40	0.5	21.8	IN1	74S241	74S241	MF	C1	
	1A16-18	..	TOT	64.0	-15.0	1.8	OUT11	74S241	74S241	LC	D3	
	1A06-18	..	TOT	64.0	-15.0	2.6	-OUT11	74S240	74S240	VMA	D3	
	1A02-18	..	TOT	64.0	-15.0	1.7	-OUT11	74S240	74S240	MD	D3	
	1A01-18	..	TOT	64.0	-15.0	.9	-OUT11	74S240	74S240	VMEMDR	B1	
	1F08-18	..	TOT	64.0	-15.0	13.2	OUT11	74S241	74S241	QCIL	C1	
	1F01-18	..	TOT	64.0	-15.0	1.9	OUT11	74S241	74S241	OPCD	D6	
							-0.40(0.5)/64.0(-15.0)					52.9
MF4	4A08-12	\	TOT	64.0	-15.0		OUT14	74S241	74S241	MIATCH	D8	
	4D05-12	..	TOT	64.0	-15.0	7.6	OUT14	74S241	74S241	PDLPTR	C2	
	4D05-03	..	TOT	64.0	-15.0	1.1	OUT15	74S241	74S241	PDLPTR	C2	
	1A25-08	..	TI	-0.40	0.5	21.7	IN4	74S241	74S241	MF	C8	
	1A20-12	..	TOT	64.0	-15.0	1.5	OUT14	74S241	74S241	LC	D8	
	1A13-12	..	TOT	64.0	-15.0	1.9	-OUT14	74S240	74S240	VMEMDR	B8	
	1A10-12	..	TOT	64.0	-15.0	1.9	-OUT14	74S240	74S240	VMA	D8	
	1A05-12	..	TOT	64.0	-15.0	1.5	-OUT14	74S240	74S240	MD	D8	
	1E12-12	..	TOT	64.0	-15.0	13.2	OUT14	74S241	74S241	QCIL	C8	
	1E01-12	..	TOT	64.0	-15.0	2.7	OUT14	74S241	74S241	OPCD	B6	
1E01-03	..	TOT	64.0	-15.0	1.1	OUT15	74S241	74S241	OPCD	B6		
						-0.40(0.5)/64.0(-15.0)					67.7	
MF5	4D05-14	\	TOT	64.0	-15.0		OUT13	74S241	74S241	PDLPTR	C2	
	4D05-06	..	TOT	64.0	-15.0	.8	OUT16	74S241	74S241	PDLPTR	C2	
	4A08-14	..	TOT	64.0	-15.0	7.4	OUT13	74S241	74S241	MIATCH	D8	
	1A25-06	..	TI	-0.40	0.5	21.8	IN3	74S241	74S241	MF	C8	
	1A20-14	..	TOT	64.0	-15.0	1.5	OUT13	74S241	74S241	LC	D8	
	1A13-14	..	TOT	64.0	-15.0	1.9	-OUT13	74S240	74S240	VMEMDR	B8	
	1A10-14	..	TOT	64.0	-15.0	1.9	-OUT13	74S240	74S240	VMA	D8	
	1A05-14	..	TOT	64.0	-15.0	1.5	-OUT13	74S240	74S240	MD	D8	
	1E12-14	..	TOT	64.0	-15.0	13.2	OUT13	74S241	74S241	QCIL	C8	
	1E01-14	..	TOT	64.0	-15.0	2.7	OUT13	74S241	74S241	OPCD	B6	
1E01-06	..	TOT	64.0	-15.0	.8	OUT16	74S241	74S241	OPCD	B6		
						-0.40(0.5)/64.0(-15.0)					67.0	

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2104								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
MF6	4D05-16	\	TOT	64.0	-15.0		OUT2	74S241	74S241	PDLPTR	C2	
	4D05-07	.1	TOT	64.0	-15.0	.8	OUT7	74S241	74S241	PDLPTR	C2	
	4A08-16	.1	TOT	64.0	-15.0	7.3	OUT2	74S241	74S241	MLATCH	D8	
	1A25-04	.1	TI	-0.40	0.5	21.8	IN2	74S241	74S241	MF	C8	
	1A20-16	.1	TOT	64.0	-15.0	1.5	OUT2	74S241	74S241	LC	D8	
	1A13-16	.1	TOT	64.0	-15.0	1.9	-OUT2	74S240	74S240	VMEMDR	B8	
	1A10-16	.1	TOT	64.0	-15.0	1.9	-OUT2	74S240	74S240	VMA	D8	
	1A05-16	.1	TOI	64.0	-15.0	1.5	-OUT2	74S240	74S240	MD	D8	
	1F12-16	.1	TOT	64.0	-15.0	13.2	OUT2	74S241	74S241	QCIL	C8	
	1F01-07	.1	TOT	64.0	-15.0	2.5	OUT7	74S241	74S241	OPCD	B6	
	1E01-16	.1	TOT	64.0	-15.0	.8	OUT2	74S241	74S241	OPCD	B6	
							-0.40(0.5)/64.0(-15.0)	66.7				
	MF7	4D05-18	\	TOT	64.0	-16.0		OUT1	74S241	74S241	PDLPTR	C2
		4D05-09	.1	TOT	64.0	-16.0	1.1	OUT8	74S241	74S241	PDLPTR	C2
4A08-18		.1	TOT	64.0	-15.0	7.3	OUT1	74S241	74S241	MLATCH	D8	
1A25-02		.1	TI	-0.40	0.5	21.8	IN1	74S241	74S241	MF	C8	
1A20-18		.1	TOT	64.0	-15.0	1.5	OUT1	74S241	74S241	LC	D8	
1A13-18		.1	TOT	64.0	-15.0	1.9	-OUT1	74S240	74S240	VMEMDR	B8	
1A10-18		.1	TOT	64.0	-15.0	1.9	-OUT1	74S240	74S240	VMA	D8	
1A05-18		.1	TOT	64.0	-15.0	1.5	-OUT1	74S240	74S240	MD	D8	
1F12-18		.1	TOT	64.0	-15.0	13.2	OUT1	74S241	74S241	QCIL	C8	
1F01-09		.1	TOT	64.0	-15.0	2.1	OUT8	74S241	74S241	OPCD	B6	
1E01-18		.1	TOI	64.0	-15.0	1.1	OUT1	74S241	74S241	OPCD	B6	
							-0.40(0.5)/64.0(-15.0)	66.9				
MF8		4D04-12	\	TOT	64.0	-15.0		OUT4	74S241	74S241	PDLPTR	C1
		4D04-03	.1	TOT	64.0	-15.0	1.1	OUT5	74S241	74S241	PDLPTR	C1
	4A06-03	.1	TOT	64.0	-15.0	7.1	OUT5	74S241	74S241	MLATCH	D6	
	1A23-17	.1	TI	-0.40	0.5	21.6	IN5	74S241	74S241	MF	C6	
	1A24-03	.1	TOT	64.0	-15.0	1.3	OUT5	74S241	74S241	LC	D6	
	1A14-03	.1	TOT	64.0	-15.0	2.6	-OUT5	74S240	74S240	VMA	D6	
	1A09-03	.1	TOT	64.0	-16.0	1.5	-OUT5	74S240	74S240	MD	D6	
	1A03-03	.1	TOT	64.0	-15.0	1.7	-OUT5	74S240	74S240	VMEMDR	B5	
	1F15-03	.1	TOI	64.0	-15.0	13.4	OUT5	74S241	74S241	QCIL	C6	
	1F04-12	.1	TOT	64.0	-15.0	2.2	OUT4	74S241	74S241	OPCD	B4	
	1F04-03	.1	TOT	64.0	-15.0	1.1	OUT5	74S241	74S241	OPCD	B4	
							-0.40(0.5)/64.0(-15.0)	67.1				
	MF9	4D04-14	\	TOT	64.0	-15.0		OUT3	74S241	74S241	PDLPTR	C1
		4D04-05	.1	TOT	64.0	-15.0	.8	OUT6	74S241	74S241	PDLPTR	C1
4A06-05		.1	TOT	64.0	-15.0	7.1	OUT6	74S241	74S241	MLATCH	D6	
1A23-15		.1	TI	-0.40	0.5	21.6	IN6	74S241	74S241	MF	C6	
1A24-05		.1	TOI	64.0	-15.0	1.3	OUT6	74S241	74S241	LC	D6	
1A14-05		.1	TOT	64.0	-15.0	2.6	-OUT6	74S240	74S240	VMA	D6	
1A09-05		.1	TOI	64.0	-15.0	1.5	-OUT6	74S240	74S240	MD	D6	
1A03-05		.1	TOI	64.0	-15.0	1.7	-OUT6	74S240	74S240	VMEMDR	B5	
1F15-05		.1	TOT	64.0	-15.0	13.4	OUT6	74S241	74S241	QCIL	C6	
1F04-14		.1	TOI	64.0	-15.0	2.6	OUT3	74S241	74S241	OPCD	B4	
1F04-05		.1	TOI	64.0	-15.0	.8	OUT6	74S241	74S241	OPCD	B4	
							-0.40(0.5)/64.0(-15.0)	66.9				
MFDRIIVE		2A04-06(09)	\	TO	20.0	-1.0		ENB	74S08	74S08	MF	D7
		1A25-19	.1	TI	-2.0	0.5	4.9	ENB	74S241	74S241	MF	C8
	1A23-19	.1	TI	-2.0	0.5	1.4	ENB	74S241	74S241	MF	C6	
	1A21-19	.1	TI	-2.0	0.5	1.4	ENB	74S241	74S241	MF	C3	
	1B24-19	.1	TI	-2.0	0.5	1.6	ENB	74S241	74S241	MF	C1	
						-8.0(0.20)/20.0(-1.0)	19.8					
-MFDRIIVE	1R24-01	\	TI	-2.0	0.5		-ENB	74S241	74S241	MF	C1	
	1A21-01	.1	TI	-2.0	0.5	1.6	-ENB	74S241	74S241	MF	C3	
	1A18-03(06)	.1	TO	20.0	-1.0	1.6		74S00	74S00	MF	D7	
	1A23-01	.1	TI	-2.0	0.5	1.0	-ENB	74S241	74S241	MF	C6	
	1A25-01	.1	TI	-2.0	0.5	1.4	-ENB	74S241	74S241	MF	C8	
						-8.0(0.20)/20.0(-1.0)	10.1					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MFENB	4D06-11(14)	\	TO	20.0	-1.0				74S08	74S080	MF	D4
	2A04-05(08)	.1	TIS	-2.0	0.5	20.5			74S08	74S08	MF	D7
	1A18-02(05)	!	TIS	-2.0	0.5	5.6			74S00	74S00	MF	D7
-4.0(0.10)/20.0(-1.0) 27.6												
-MFINISH												
1D28-11(14)	1D23-01(04)	.	IO	20.0	-1.0				74S08	74S080	VCIL1	C4
		!	TI	-2.0	0.5	1.9		IN	1D50	1D50	VCIL1	D5
-2.0(0.5)/20.0(-1.0)												
-MFINISHD												
1D23-10(13)	1D21-01(04)	.	IO	20.0	-1.0		30NS		1D50	1D50	VCIL1	D5
		!	TI	-6.0	0.15	1.3		-CLR1	74S74	74S74	VCIL1	C2
-6.0(0.15)/20.0(-1.0)												
MMEMO	4A25-07(09)	\	TOC	40.0			Q0		82S21	82S21	MMEM	D8
	4A19-10	.1	TOP		-2.50	2.4			RES20	RES20	MCIL	D8
	4A05-18	!	TI	-0.25	0.5	3.7			74S373	74S373	MLATCH	B8
-0.25(0.5)/40.0(-2.50) 7.6												
MMFM1	4A25-09(11)	\	TOC	40.0			Q1		82S21	82S21	MMEM	D8
	4A19-18	.1	TOP		-2.50	2.3			RES20	RES20	MCIL	D8
	4A05-17	!	TI	-0.25	0.5	3.7			74S373	74S373	MLATCH	B8
-0.25(0.5)/40.0(-2.50) 7.5												
MMEM10	4A28-07(09)	\	TOC	40.0			Q0		82S21	82S21	MMEM	D4
	4A19-08	.1	TOP		-2.50	2.8			RES20	RES20	MCIL	D8
	4A03-14	!	TI	-0.25	0.5	3.9			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 8.2												
MMEM11	4A28-09(11)	\	TOC	40.0			Q1		82S21	82S21	MMEM	D4
	4A19-07	.1	TOP		-2.50	3.1			RES20	RES20	MCIL	D8
	4A03-13	!	TI	-0.25	0.5	3.7			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 8.3												
MMFM12	4A22-07(09)	\	TOC	40.0			Q0		82S21	82S21	MMEM	D3
	4A19-06	.1	TOP		-2.50	2.2			RES20	RES20	MCIL	D8
	4A03-08	!	TI	-0.25	0.5	3.6			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 7.3												
MMFM13	4A22-09(11)	\	TOC	40.0			Q1		82S21	82S21	MMEM	D3
	4A19-05	.1	TOP		-2.50	2.5			RES20	RES20	MCIL	D8
	4A03-07	!	TI	-0.25	0.5	3.6			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 7.6												
MMEM14	4A27-07(09)	\	TOC	40.0			Q0		82S21	82S21	MMEM	D2
	4A19-04	.1	TOP		-2.50	3.3			RES20	RES20	MCIL	D8
	4A03-04	!	TI	-0.25	0.5	3.8			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 8.6												
MMEM15	4A27-09(11)	\	TOC	40.0			Q1		82S21	82S21	MMEM	D2
	4A19-03	.1	TOP		-2.50	3.6			RES20	RES20	MCIL	D8
	4A03-03	!	TI	-0.25	0.5	3.8			74S373	74S373	MLATCH	B6
-0.25(0.5)/40.0(-2.50) 8.9												
MMEM16	4A21-07(09)	\	TOC	40.0			Q0		82S21	82S21	MMEM	B8
	4B20-19	.1	TOP		-2.50	2.5			RES20	RES20	MCIL	B8
	4A01-18	!	TI	-0.25	0.5	3.7			74S373	74S373	MLATCH	B5
-0.25(0.5)/40.0(-2.50) 7.7												
MMFM17	4A21-09(11)	\	TOC	40.0			Q1		82S21	82S21	MMEM	B8
	4B20-18	.1	TOP		-2.50	2.4			RES20	RES20	MCIL	B8
	4A01-17	!	TI	-0.25	0.5	3.7			74S373	74S373	MLATCH	B5
-0.25(0.5)/40.0(-2.50) 7.6												

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80 2105							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LUC(PIN#)										
MMEM18	4A26-07(09) 4B20-17 4A01-14	\	TOC	40.0			Q0	82S21	82S21	MMEM	B7
			TOP		-2.50	3.3		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.5	D5	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			8.3				
MMEM19	4A26-09(11) 4B20-16 4A01-13	\	TOC	40.0			Q1	82S21	82S21	MMEM	B7
			TOP		-2.50	3.2		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.5	D4	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			8.2				
MMEM2	4A30-07(09) 4A19-17 4A05-14	\	TOC	40.0			Q0	82S21	82S21	MMEM	D7
			TOP		-2.50	3.3		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.5	D5	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			8.3				
MMEM20	4B25-07(09) 4B20-15 4A01-08	\	TOC	40.0			Q0	82S21	82S21	MMEM	B6
			TOP		-2.50	1.9		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.7	D3	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			7.1				
MMEM21	4B25-09(11) 4B20-14 4A01-07	\	TOC	40.0			Q1	82S21	82S21	MMEM	B6
			TOP		-2.50	1.8		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.9	D2	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			7.2				
MMEM22	4B30-07(09) 4B20-13 4A01-04	\	TOC	40.0			Q0	82S21	82S21	MMEM	B5
			TOP		-2.50	2.8		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	4.3	D1	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			8.6				
MMEM23	4B30-09(11) 4B20-12 4A01-03	\	TOC	40.0			Q1	82S21	82S21	MMEM	B5
			TOP		-2.50	2.7		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	4.5	D0	74S373	74S373	MLATCH	B5
				-0.25(0.5)/40.0(-2.50)			8.7				
MMEM24	4B24-07(09) 4B20-11 4B04-18	\	TOC	40.0			Q0	82S21	82S21	MMEM	B4
			TOP		-2.50	1.5		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	4.5	D7	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			7.5				
MMEM25	4B24-09(11) 4B20-09 4B04-17	\	TOC	40.0			Q1	82S21	82S21	MMEM	B4
			TOP		-2.50	1.9		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	4.3	D6	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			7.7				
MMEM26	4B29-07(09) 4B20-08 4B04-14	\	TOC	40.0			Q0	82S21	82S21	MMEM	B4
			TOP		-2.50	2.8		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.9	D5	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			8.2				
MMEM27	4B29-09(11) 4B20-07 4B04-13	\	TOC	40.0			Q1	82S21	82S21	MMEM	B4
			TOP		-2.50	3.1		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.7	D4	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			8.3				
MMEM28	4B23-07(09) 4B20-06 4B04-08	\	TOC	40.0			Q0	82S21	82S21	MMEM	B3
			TOP		-2.50	2.2		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.6	D3	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			7.3				
MMEM29	4B23-09(11) 4B20-05 4B04-07	\	TOC	40.0			Q1	82S21	82S21	MMEM	B3
			TOP		-2.50	2.5		RFS20	RFS20	MCIL	B8
			TI	-0.25	0.5	3.6	D2	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			7.6				

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80		2105					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
MMEM3	4A30-09(11)	\	TOC	40.0			Q1	82S21	82S21	MMEM	D7
	4A19-16	.1	TOP		-2.50	3.2		RFS20	RFS20	MCIL	D8
	4A05-13	i	TI	-0.25	0.5	3.5	D4	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			8.2				
MMEM30	4B28-07(09)	\	TOC	40.0			Q0	82S21	82S21	MMEM	B2
	4B20-04	.1	TOP		-2.50	3.3		RFS20	RFS20	MCIL	B8
	4B04-04	i	TI	-0.25	0.5	3.8	D1	74S373	74S373	MLATCH	B3
				-0.25(0.5)/40.0(-2.50)			8.6				
MMEM31	4B28-09(11)	\	TOC	40.0			Q1	82S21	82S21	MMEM	B2
	4B20-03	.1	TOP		-2.50	3.6		RFS20	RFS20	MCTL	B8
	4B04-03	i	TI	-0.25	0.5	3.8	D0	74S373	74S373	MLATCH	D3
				-0.25(0.5)/40.0(-2.50)			8.9				
MMEM4	4A24-07(09)	\	TOC	40.0			Q0	82S21	82S21	MMEM	D6
	4A19-15	.1	TOP		-2.50	1.9		RFS20	RFS20	MCTL	D8
	4A05-08	i	TI	-0.25	0.5	3.7	D3	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			7.1				
MMEM5	4A24-09(11)	\	TOC	40.0			Q1	82S21	82S21	MMEM	D6
	4A19-14	.1	TOP		-2.50	1.8		RFS20	RFS20	MCIL	D8
	4A05-07	i	TI	-0.25	0.5	3.0	D2	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			7.1				
MMEM6	4A29-07(09)	\	TOC	40.0			Q0	82S21	82S21	MMEM	D6
	4A19-13	.1	TOP		-2.50	2.8		RFS20	RFS20	MCIL	D8
	4A05-04	i	TI	-0.25	0.5	4.2	D1	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			8.5				
MMEM7	4A29-09(11)	\	TOC	40.0			Q1	82S21	82S21	MMEM	D5
	4A19-12	.1	TOP		-2.50	2.7		RFS20	RFS20	MCIL	D8
	4A05-03	i	TI	-0.25	0.5	4.4	D0	74S373	74S373	MLATCH	B8
				-0.25(0.5)/40.0(-2.50)			8.6				
MMEM8	4A23-07(09)	\	TOC	40.0			Q0	82S21	82S21	MMEM	D4
	4A19-11	.1	TOP		-2.50	1.5		RFS20	RFS20	MCIL	D8
	4A03-18	i	TI	-0.25	0.5	4.5	D7	74S373	74S373	MLATCH	B6
				-0.25(0.5)/40.0(-2.50)			7.5				
MMEM9	4A23-09(11)	\	TOC	40.0			Q1	82S21	82S21	MMEM	D4
	4A19-09	.1	TOP		-2.50	1.9		RFS20	RFS20	MCIL	D8
	4A03-17	i	TI	-0.25	0.5	4.3	D6	74S373	74S373	MLATCH	B6
				-0.25(0.5)/40.0(-2.50)			7.7				
MMEMPARITY	4B27-07(09)	\	TOC	40.0			Q0	82S21	82S21	MMEM	B1
	4B20-02	.1	TOP		-2.50	3.7		RFS20	RFS20	MCIL	B8
	4B02-18	i	TI	-0.25	0.5	4.1	D7	74S373	74S373	MLATCH	B1
				-0.25(0.5)/40.0(-2.50)			9.3				
MMEMPAROK	4BJ1-15	i	TO	20.0	-1.0	5.7	CON	74S00	CPINS	B6	C7
	4A17-03(06)	i	TO	0.0/20.0					74S00	APAR	
MPAREVEN	4B15-10(12)	\	TO	20.0	-1.0		0	93S48	93S48	APAR	D5
	4A17-01(04)	.1	TIS	-2.0	0.5	2.1		74S00	74S00	APAR	C7
	4A17-04(07)	i	TIS	-2.0	0.5	.7		74S00	74S00	APAR	D7
				-4.0(0.10)/20.0(-1.0)			4.3				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BOUY	FILE	POS	
MPARITY	4B15-07(09)	\	TI	-0.80	0.2		I	93S48	93S48	APAR	D5	
	4B08-19	.i	TOT	20.0	-6.50	2.7	07	74S373	74S373	PLATCH	D1	
	4B02-19		TOT	20.0	-6.50	1.7	07	74S373	74S373	MLATCH	B1	
				-0.80(0.2)/20.0(-6.50)			6.9					
MPARL	4B15-11(13)	.	TI	-0.80	0.2		I	93S48	93S48	APAR	D5	
	4A14-09(11)		TO	20.0	-1.0	2.7	E	93S48	93S48	APAR	D1	
				-0.80(0.2)/20.0(-1.0)								
MPARM	4B15-12(14)	.	TI	-0.80	0.2		I	93S48	93S48	APAR	D5	
	4A12-09(11)		TO	20.0	-1.0	1.7	E	93S48	93S48	APAR	D3	
				-0.80(0.2)/20.0(-1.0)								
MPARODI)	4B15-09(11)		TO	20.0	-1.0		E	93S48	93S48	APAR	ONE PIN RUN D5	0
										UNUSED EXTRA OUTPUT	0	
MPASS	4B18-09(11)	.	TO	20.0	1.0		A=B	93S46	93S46	MCTL	B1	
	4B14-01(04)	.i	TIS	-2.0	0.5	2.3		74S10	74S10	MCTL	A4	
	4B12-01(04)	.i	TI	-2.0	0.5	1.4		74S04	74S04	MCTL	A2	
	4B11-01(04)		TIS	-2.0	0.5	.9		74S11	74S11	MCTL	A4	
				-6.0(0.15)/20.0(1.0)			7.8					
-MPASS	4B08-13(16)	.	TIS	-2.0	0.5			74S00	74S00	MF	D3	
	4B11-11(14)	.i	TIS	-2.0	0.5	5.0		74S11	74S11	MCTL	B4	
	4B12-02(05)	.i	TO	20.0	-1.0	1.3		74S04	74S04	MCTL	A2	
	4B14-05(08)		TIS	-2.0	0.5	1.5		74S10	74S10	MCTL	A4	
				-6.0(0.15)/20.0(-1.0)			10.8					
MPASSL	4B11-12(15)	\	TO	20.0	-1.0			74S11	74S11	MCTL	A4	
	4B07-19	.i	TI	-2.0	0.5	2.0	ENB	74S241	74S241	MLATCH	D3	
	4B09-19	.i	TI	-2.0	0.5	1.4	ENB	74S241	74S241	MLATCH	D5	
	4A06-19	.i	TI	-2.0	0.5	1.6	ENB	74S241	74S241	MLATCH	D6	
	4A08-19		TI	-2.0	0.5	1.4	ENB	74S241	74S241	MLATCH	D8	
				-8.0(0.20)/20.0(-1.0)			10.9					
-MPASSI	4B14-12(15)	\	TO	20.0	-1.0			74S10	74S10	MCTL	A4	
	4B07-01	.i	TI	-2.0	0.5	2.2	-FNB	74S241	74S241	MLATCH	D3	
	4B09-01	.i	TI	-2.0	0.5	1.4	-FNB	74S241	74S241	MLATCH	D5	
	4A06-01	.i	TI	-2.0	0.5	1.6	-FNB	74S241	74S241	MLATCH	D6	
	4A08-01		TI	-2.0	0.5	1.4	-FNB	74S241	74S241	MLATCH	D8	
				-8.0(0.20)/20.0(-1.0)			11.1					
-MPASSM	4B14-06(09)	.	TO	20.0	-1.0			74S10	74S10	MCTL	A4	
	4B02-01	.i	TI	-0.25	0.5	3.6	-OE	74S373	74S373	MLATCH	B1	
	4B04-01	.i	TI	-0.25	0.5	1.4	-OE	74S373	74S373	MLATCH	B3	
	4A01-01	.i	TI	-0.25	0.5	1.6	-OE	74S373	74S373	MLATCH	B5	
	4A03-01	.i	TI	-0.25	0.5	1.4	-OE	74S373	74S373	MLATCH	B6	
	4A05-01		TI	-0.25	0.5	1.4	-OE	74S373	74S373	MLATCH	B8	
				-1.25(0.25)/20.0(-1.0)			15.4					
-MR	2D20-01(04)	.	TO	20.0	-1.0			74S02	74S02	SMCTL	B1	
	2E19-05(08)	.i	TI	-2.0	0.5	3.7		74S02	74S020	SMCTL	B2	
	2E19-12(15)	.i	TI	-2.0	0.5	.8		74S02	74S020	SMCTL	A2	
	2E19-09(12)	.i	TI	-2.0	0.5	.7		74S02	74S020	SMCTL	B2	
	2E30-02(05)	.i	TI	-2.0	0.5	2.4		74S02	74S020	SMCTL	A2	
	2E30-05(08)		TI	-2.0	0.5	.7		74S02	74S020	SMCTL	A2	
				-10.0(0.25)/20.0(-1.0)			14.3					
MSKO	2D29-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MOO	D8	
	2E20-19	.i	TOP		-2.50	4.0		RES20	RES20	MSKG4	D5	
	2E17-01(03)	.i	IOC	16.0		1.7	B0	5600	5600	MSKG4	D1	
	2E16-01(03)		IOC	16.0		.9	B0	5600	5600	MSKG4	B1	
				-2.0(0.5)/16.0(-2.50)			9.6					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC (PIN#)										
MSK1	2D28-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D7
	2E20-18	i	IOP		-2.50	3.6		RES20	RES20	MSKG4	D6
	2E17-02(04)	i	IOC	16.0		1.7	B1	5600	5600	MSKG4	D1
	2E16-02(04)	i	IOC	16.0		.9	B1	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)			9.2				
MSK10	2C24-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B6
	2D17-03(05)	i	IOC	16.0		4.1	B2	5600	5600	MSKG4	D2
	2D16-03(05)	i	IOC	16.0		.9	B2	5600	5600	MSKG4	B2
	2E20-08	i	IOP		-2.50	1.2		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)			9.2				
MSK11	2C19-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B5
	2D17-04(06)	i	IOC	16.0		3.9	B3	5600	5600	MSKG4	D2
	2D16-04(06)	i	IOC	16.0		.9	B3	5600	5600	MSKG4	B2
	2E20-07	i	IOP		-2.50	1.2		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)			9.0				
MSK12	2A30-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B4
	2D17-05(07)	i	IOC	16.0		10.3	B4	5600	5600	MSKG4	D2
	2D16-05(07)	i	IOC	16.0		.9	B4	5600	5600	MSKG4	B2
	2E20-06	i	IOP		-2.50	1.2		RES20	RES20	MSKG4	D6
				-2.0(0.5)/16.0(-2.50)			15.4				
MSK13	2A20-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B3
	2D17-06(08)	i	IOC	16.0		9.8	B5	5600	5600	MSKG4	D2
	2D16-06(08)	i	IOC	16.0		.9	B5	5600	5600	MSKG4	B2
	2E20-05	i	IOP		-2.50	1.2		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)			14.9				
MSK14	2A25-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B2
	2D17-07(09)	i	IOC	16.0		10.1	B6	5600	5600	MSKG4	D2
	2D16-07(09)	i	IOC	16.0		.9	B6	5600	5600	MSKG4	B2
	2E20-04	i	IOP		-2.50	1.3		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)			16.3				
MSK15	2A24-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B1
	2D17-09(11)	i	IOC	16.0		9.8	B7	5600	5600	MSKG4	D2
	2D16-09(11)	i	IOC	16.0		.9	B7	5600	5600	MSKG4	B2
	2E20-03	i	IOP		-2.50	1.3		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)			15.0				
MSK16	2D19-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M01	D8
	2E15-19	i	IOP		-2.50	3.2		RES20	RES20	MSKG4	B5
	2E12-01(03)	i	IOC	16.0		1.7	B0	5600	5600	MSKG4	D3
	2E11-01(03)	i	IOC	16.0		.9	B0	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			8.8				
MSK17	2D18-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M01	D7
	2E15-18	i	IOP		-2.50	2.8		RES20	RES20	MSKG4	B5
	2E12-02(04)	i	IOC	16.0		1.7	B1	5600	5600	MSKG4	D3
	2E11-02(04)	i	IOC	16.0		.9	B1	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			8.4				
MSK18	2D14-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M01	D6
	2E15-17	i	IOP		-2.50	2.7		RES20	RES20	MSKG4	B5
	2E12-03(05)	i	IOC	16.0		1.7	B2	5600	5600	MSKG4	D3
	2E11-03(05)	i	IOC	16.0		.9	B2	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			8.3				
MSK19	2E11-04(06)	.	IOC	16.0			B3	5600	5600	MSKG4	B3
	2E12-04(06)	i	IOC	16.0		.9	B3	5600	5600	MSKG4	D3
	2E15-16	i	IOP		-2.50	1.7		RES20	RES20	MSKG4	B5
	2D13-11(13)	i	TI	-2.0	0.5	2.2	SELO	74S151	74S151	M01	D5
				-2.0(0.5)/16.0(-2.50)			7.8				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
MSK2	2C30-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO0	D6
	2E20-17	.i	IOP		-2.50	6.4		RES20	RFS20	MSKG4	D5
	2E17-03(05)	.i	IOC	16.0		1.7	B2	5600	5600	MSKG4	D1
	2E16-03(05)	.i	IOC	16.0		.9	B2	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)			12.0				
MSK20	2B15-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	D4
	2E15-15	.i	IOP		-2.50	8.8		RES20	RES20	MSKG4	B5
	2E12-05(07)	.i	IOC	16.0		1.7	B4	5600	5600	MSKG4	D3
	2E11-05(07)	.i	IOC	16.0		.9	B4	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			14.4				
MSK21	2B14-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	D3
	2E15-14	.i	IOP		-2.50	8.1		RES20	RES20	MSKG4	B5
	2E12-06(08)	.i	IOC	16.0		1.7	B5	5600	5600	MSKG4	D3
	2E11-06(08)	.i	IOC	16.0		.9	B5	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			13.7				
MSK22	2B10-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	D2
	2E15-13	.i	IOP		-2.50	8.9		RES20	RFS20	MSKG4	B5
	2E12-07(09)	.i	IOC	16.0		1.7	B6	5600	5600	MSKG4	D3
	2E11-07(09)	.i	IOC	16.0		.9	B6	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			14.5				
MSK23	2B09-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	D1
	2E15-12	.i	IOP		-2.50	8.1		RES20	RES20	MSKG4	B5
	2E12-09(11)	.i	IOC	16.0		2.0	B7	5600	5600	MSKG4	D3
	2E11-09(11)	.i	IOC	16.0		.9	B7	5600	5600	MSKG4	B3
				-2.0(0.5)/16.0(-2.50)			14.0				
MSK24	2C14-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	B8
	2D12-01(03)	.i	IOC	16.0		3.9	B0	5600	5600	MSKG4	D4
	2D11-01(03)	.i	IOC	16.0		.9	B0	5600	5600	MSKG4	B4
	2E15-11	.i	IOP		-2.50	1.7		RES20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)			9.5				
MSK25	2E15-09	.	TOP		-2.50			RES20	RFS20	MSKG4	B5
	2D11-02(04)	.i	IOC	16.0		1.3	B1	5600	5600	MSKG4	B4
	2D12-02(04)	.i	IOC	16.0		.9	B1	5600	5600	MSKG4	D4
	2D09-11(13)	.i	II	-2.0	0.5	1.4	SEL0	74S151	74S151	MO1	B7
				-2.0(0.5)/16.0(-2.50)			6.6				
MSK26	2D04-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	B6
	2D12-03(05)	.i	IOC	16.0		2.5	B2	5600	5600	MSKG4	D4
	2D11-03(05)	.i	IOC	16.0		.9	B2	5600	5600	MSKG4	B4
	2E15-08	.i	IOP		-2.50	1.2		RES20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)			7.6				
MSK27	2C09-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	B5
	2D12-04(06)	.i	IOC	16.0		4.0	B3	5600	5600	MSKG4	D4
	2D11-04(06)	.i	IOC	16.0		.9	B3	5600	5600	MSKG4	B4
	2E15-07	.i	IOP		-2.50	1.2		RES20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)			9.1				
MSK28	2A15-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	B4
	2D12-05(07)	.i	IOC	16.0		10.0	B4	5600	5600	MSKG4	D4
	2D11-05(07)	.i	IOC	16.0		.9	B4	5600	5600	MSKG4	B4
	2E15-06	.i	IOP		-2.50	1.2		RES20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)			16.1				
MSK29	2A14-11(13)	.	TI	-2.0	0.5		SEL0	74S151	74S151	MO1	B3
	2D12-06(08)	.i	IOC	16.0		9.5	B5	5600	5600	MSKG4	D4
	2D11-06(08)	.i	IOC	16.0		.9	B5	5600	5600	MSKG4	B4
	2E15-05	.i	IOP		-2.50	1.2		RES20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)			14.6				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
MSK3	2C29-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D5
	2E20-16	.i	TOP		-2.50	5.9		RFS20	RFS20	MSKG4	D5
	2E17-04(08)	.i	TOC	16.0		1.7	B3	5600	5600	MSKG4	D1
	2E16-04(08)	.i	TOC	16.0		.9	B3	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)		11.5					
MSK30	2A10-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M01	B2
	2D12-07(09)	.i	IOC	16.0		10.1	B6	5600	5600	MSKG4	D4
	2D11-07(09)	.i	TOC	16.0		.9	B6	5600	5600	MSKG4	B4
	2E15-04	.i	TOP		-2.50	1.3		RFS20	RES20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)		15.3					
MSK31	2A09-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M01	B1
	2D12-09(11)	.i	IOC	16.0		9.9	B7	5600	5600	MSKG4	D4
	2D11-09(11)	.i	TOC	16.0		.9	B7	5600	5600	MSKG4	B4
	2E15-03	.i	TOP		-2.50	1.3		RES20	RFS20	MSKG4	B5
				-2.0(0.5)/16.0(-2.50)		15.1					
MSK4	2B30-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D4
	2F20-15	.i	TOP		-2.50	9.1		RES20	RES20	MSKG4	D5
	2E17-05(07)	.i	TOC	16.0		1.7	B4	5600	5600	MSKG4	D1
	2E16-05(07)	.i	TOC	16.0		.9	B4	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)		14.7					
MSK5	2B29-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D3
	2E20-14	.i	TOP		-2.50	8.4		RFS20	RFS20	MSKG4	D5
	2E17-06(08)	.i	TOC	16.0		1.7	B5	5600	5600	MSKG4	D1
	2E16-06(08)	.i	TOC	16.0		.9	B5	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)		14.0					
MSK6	2B25-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D2
	2F20-13	.i	TOP		-2.50	8.9		RFS20	RFS20	MSKG4	D5
	2E17-07(09)	.i	TOC	16.0		1.7	B6	5600	5600	MSKG4	D1
	2E16-07(09)	.i	TOC	16.0		.9	B6	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)		14.5					
MSK7	2B24-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	D1
	2F20-12	.i	TOP		-2.50	8.1		RFS20	RFS20	MSKG4	D5
	2E17-09(11)	.i	IOC	16.0		2.0	B7	5600	5600	MSKG4	D1
	2E16-09(11)	.i	TOC	16.0		.9	B7	5600	5600	MSKG4	B1
				-2.0(0.5)/16.0(-2.50)		14.0					
MSK8	2D24-11(13)	.	TI	-2.0	0.5		SFLO	74S151	74S151	M00	B8
	2D17-01(03)	.i	IOC	16.0		2.2	B0	5600	5600	MSKG4	D2
	2D16-01(03)	.i	IOC	16.0		.9	B0	5600	5600	MSKG4	B2
	2E20-11	.i	TOP		-2.50	1.7		RES20	RFS20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)		7.8					
MSK9	2D23-11(13)	.	TI	-2.0	0.5		SELO	74S151	74S151	M00	B7
	2D17-02(04)	.i	TOC	16.0		2.0	B1	5600	5600	MSKG4	D2
	2D16-02(04)	.i	IOC	16.0		.9	B1	5600	5600	MSKG4	B2
	2E20-09	.i	TOP		-2.50	1.3		RES20	RES20	MSKG4	D5
				-2.0(0.5)/16.0(-2.50)		7.2					
MSKL0	2E11-10(12)	.i	TI	-1.0	0.10		AO	5600	5600	MSKG4	B3
	2E16-10(12)	.i	TI	-1.0	0.10	1.5	AO	5600	5600	MSKG4	B1
	2E25-04(06)	.i	IO	20.0	-1.0	2.9	SO	74S283	74S283	SMC11	D7
	2D16-10(12)	.i	TI	-1.0	0.10	1.3	AO	5600	5600	MSKG4	B2
	2D11-10(12)	.i	TI	-1.0	0.10	1.5	AO	5600	5600	MSKG4	B4
				-4.0(0.40)/20.0(-1.0)		11.7					

CADR PROFESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HIT	INCHES	USE	DIPTYPE	BODY	FILE	POS
MSKL1	2F11-11(13)	\	TI	-1.0	0.10		A1	5600	5600	MSKG4	B3
	2E16-11(13)	.i	TI	-1.0	0.10	1.5	A1	5600	5600	MSKG4	B1
	2F25-01(03)	.i	TO	20.0	-1.0	2.8	S1	74S283	74S283	SMCTL	D7
	2D16-11(13)	.i	TI	-1.0	0.10	1.2	A1	5600	5600	MSKG4	B2
	2D11-11(13)	.i	TI	-1.0	0.10	1.5	A1	5600	5600	MSKG4	B4
				-4.0(0.40)/20.0(-1.0)		11.5					
MSKL2	2E11-12(14)	\	TI	-1.0	0.10		A2	5600	5600	MSKG4	B3
	2F16-12(14)	.i	TI	-1.0	0.10	1.5	A2	5600	5600	MSKG4	B1
	2F25-13(15)	.i	TO	20.0	-1.0	2.7	S2	74S283	74S283	SMCTL	D7
	2D16-12(14)	.i	TI	-1.0	0.10	1.7	A2	5600	5600	MSKG4	B2
	2D11-12(14)	.i	TI	-1.0	0.10	1.5	A2	5600	5600	MSKG4	B4
				-4.0(0.40)/20.0(-1.0)		11.9					
MSKL3	2E11-13(15)	\	TI	-1.0	0.10		A3	5600	5600	MSKG4	B3
	2F16-13(15)	.i	TI	-1.0	0.10	1.5	A3	5600	5600	MSKG4	B1
	2F25-10(12)	.i	TO	20.0	-1.0	2.9	S3	74S283	74S283	SMCTL	D7
	2D16-13(15)	.i	TI	-1.0	0.10	2.0	A3	5600	5600	MSKG4	B2
	2D11-13(15)	.i	TI	-1.0	0.10	1.5	A3	5600	5600	MSKG4	B4
				-4.0(0.40)/20.0(-1.0)		12.4					
MSKL3CRY	2F25-09(11)	.	TO	10.0	-0.50		COU	74S283	74S283	SMCTL	D7
	2E10-07(09)	.i	TI	-2.0	0.5	3.9	CIN	74S283	74S283	SMCTL	B7
				-2.0(0.5)/10.0(-0.50)							
MSKL4	2F10-14(16)	\	TI	-1.0	0.10		A4	5600	5600	MSKG4	B1
	2E11-14(16)	.i	TI	-1.0	0.10	1.5	A4	5600	5600	MSKG4	B3
	2F10-04(06)	.i	TO	20.0	-1.0	3.0	S0	74S283	74S283	SMCTL	B7
	2D11-14(16)	.i	TI	-1.0	0.10	1.5	A4	5600	5600	MSKG4	B4
	2D16-14(16)	.i	TI	-1.0	0.10	1.5	A4	5600	5600	MSKG4	B2
				-4.0(0.40)/20.0(-1.0)		12.0					
MSKR0	2E12-10(12)	.	TI	-1.0	0.10		A0	5600	5600	MSKG4	D3
	2E17-10(12)	.i	TI	-1.0	0.10	1.5	A0	5600	5600	MSKG4	D1
	2F19-04(07)	.i	TO	20.0	-1.0	1.8		74S02	74S020	SMCTL	B2
	2F25-06(08)	.i	TI	-2.0	0.5	1.7	B0	74S283	74S283	SMCTL	D7
	2D17-10(12)	.i	TI	-1.0	0.10	1.8	A0	5600	5600	MSKG4	D2
	2D12-10(12)	.i	TI	-1.0	0.10	1.5	A0	5600	5600	MSKG4	D4
				-6.0(0.45)/20.0(-1.0)		14.3					
MSKR1	2F12-11(13)	.	TI	-1.0	0.10		A1	5600	5600	MSKG4	D3
	2F17-11(13)	.i	TI	-1.0	0.10	1.5	A1	5600	5600	MSKG4	D1
	2F19-10(13)	.i	TO	20.0	-1.0	1.4		74S02	74S020	SMCTL	B2
	2F25-02(04)	.i	TI	-2.0	0.5	1.5	B1	74S283	74S283	SMCTL	D7
	2D17-11(13)	.i	TI	-1.0	0.10	1.6	A1	5600	5600	MSKG4	D2
	2D12-11(13)	.i	TI	-1.0	0.10	1.5	A1	5600	5600	MSKG4	D4
				-6.0(0.45)/20.0(-1.0)		13.5					
MSKR2	2F12-12(14)	.	TI	-1.0	0.10		A2	5600	5600	MSKG4	D3
	2F17-12(14)	.i	TI	-1.0	0.10	1.5	A2	5600	5600	MSKG4	D1
	2F19-13(16)	.i	TO	20.0	-1.0	1.5		74S02	74S020	SMCTL	A2
	2F25-15(17)	.i	TI	-2.0	0.5	1.6	B2	74S283	74S283	SMCTL	D7
	2D17-12(14)	.i	TI	-1.0	0.10	1.9	A2	5600	5600	MSKG4	D2
	2D12-12(14)	.i	TI	-1.0	0.10	1.5	A2	5600	5600	MSKG4	D4
				-6.0(0.45)/20.0(-1.0)		14.0					
MSKR3	2E12-13(15)	.	TI	-1.0	0.10		A3	5600	5600	MSKG4	D3
	2F17-13(15)	.i	TI	-1.0	0.10	1.5	A3	5600	5600	MSKG4	D1
	2F25-11(13)	.i	TI	-2.0	0.5	2.4	B3	74S283	74S283	SMCTL	D7
	2F30-01(04)	.i	TO	20.0	-1.0	1.2		74S02	74S020	SMCTL	A2
	2D17-13(15)	.i	TI	-1.0	0.10	2.6	A3	5600	5600	MSKG4	D2
	2D12-13(15)	.i	TI	-1.0	0.10	1.5	A3	5600	5600	MSKG4	D4
				-6.0(0.45)/20.0(-1.0)		15.2					

CADR PROCESSOR SIGNAL NAME		CADRWD:CADR4 WLR				29-FEB-80 2105					
LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
MSKR4 2F30-04(07)	.	TO	20.0	-1.0				74S02 74S020	SMCTL	A2	
2D17-14(16)	.	TI	-1.0	0.10	3.0	A4		5600 5600	MSG4	D2	
2D12-14(16)	.	TI	-1.0	0.10	1.5	A4		5600 5600	MSG4	D4	
2E10-06(08)	.	TI	-2.0	0.5	1.7	B0		74S283 74S283	SMCTL	B7	
2E12-14(16)	.	TI	-1.0	0.10	2.4	A4		5600 5600	MSG4	D3	
2E17-14(16)	.	TI	-1.0	0.10	1.5	A4		5600 5600	MSG4	D1	
			-6.0(0.45)/20.0(-1.0)			16.1					
-MUL 3D04-04(08)	\	TO	20.0	-1.0		1Y0		74S139 74S139	SOURCE	D1	
2C20-09(12)	.	TIS	-2.0	0.5	5.8			74S20 74S200	ALUC4	A8	
2D15-04(07)	.	TI	-2.0	0.5	3.2	1N		74S32 74S320	ALUC4	B6	
			-4.0(0.10)/20.0(-1.0)			10.5					
-MULNOP 2D15-06(09)	.	TO	20.0	-1.0		OUT		74S32 74S320	ALUC4	B6	
2C20-01(04)	.	TIS	-2.0	0.5	3.2			74S20 74S200	ALUC4	B8	
			-2.0(0.5)/20.0(-1.0)								
-MWPA 4A21-01(03)	.	TI	-3.20	0.5		-WCLK		82S21 82S21	MMEM	B8	
4B25-01(03)	.	TI	-3.20	0.5	1.1	-WCLK		82S21 82S21	MMEM	B6	
4B24-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	R4	
4B23-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	B3	
4B22-03(06)	.	TO	60.0	-3.0	1.0			74S37 74S37	MCTL	A6	
4B27-01(03)	.	TI	-3.20	0.5	1.2	-WCLK		82S21 82S21	MMEM	B1	
4B28-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	B2	
4B29-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	B4	
4B30-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	B5	
4A20-01(03)	.	TI	-3.20	0.5	1.1	-WCLK		82S21 82S21	MMEM	B7	
			-28.80(0.45)/60.0(-3.0)			20.9					
-MWPB 4B22-06(09)	\	TO	60.0	-3.0				74S37 74S37	MCTL	A6	
4A27-01(03)	.	TI	-3.20	0.5	3.2	-WCLK		82S21 82S21	MMEM	D2	
4A28-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D4	
4A29-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D5	
4A30-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D7	
4A25-01(03)	.	TI	-3.20	0.5	1.5	-WCLK		82S21 82S21	MMEM	D8	
4A24-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D6	
4A23-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D4	
4A22-01(03)	.	TI	-3.20	0.5	.9	-WCLK		82S21 82S21	MMEM	D3	
			-25.60(0.40)/60.0(-3.0)			20.6					
N 4F11-01(03)	.	TI	-2.0	0.5		SELB		25S09 25S09	SPCW	D3	
4F12-01(03)	.	TI	-2.0	0.5	.9	SELB		25S09 25S09	SPCW	D4	
4F13-01(03)	.	TI	-2.0	0.5	.9	SELB		25S09 25S09	SPCW	D6	
4F14-01(03)	.	TI	-2.0	0.5	.9	SELB		25S09 25S09	SPCW	D8	
3F23-06(09)	.	TO	20.0	-1.0	6.2			74S00 74S000	CONTRL	C7	
3D26-04(06)	.	TI	-2.0	0.5	2.3	1D		74S175 74S175	CONTRL	D1	
			-10.0(0.25)/20.0(-1.0)			17.2					
NC									NO-CONNECTION RUN	0	
1B05-02	.	TI	-0.40	0.5		IN1		74S240 74S240	MDS	D2	
1B05-03	.	TO	64.0	-15.0		-OUT5		74S240 74S240	MDS	D2	
1B05-04	.	TI	-0.40	0.5		IN2		74S240 74S240	MDS	D2	
1B05-05	.	TO	64.0	-15.0		-OUT6		74S240 74S240	MDS	D2	
1B05-06	.	TI	-0.40	0.5		IN3		74S240 74S240	MDS	D2	
1B05-07	.	TO	64.0	-15.0		-OUT7		74S240 74S240	MDS	D2	
1B05-09	.	TO	64.0	-15.0		-OUT8		74S240 74S240	MDS	D2	
1B05-11	.	TI	-0.40	0.5		IN8		74S240 74S240	MDS	D2	
1B05-13	.	TI	-0.40	0.5		IN7		74S240 74S240	MDS	D2	
1B05-14	.	TO	64.0	-15.0		-OUT3		74S240 74S240	MDS	D2	
1B05-15	.	TI	-0.40	0.5		IN6		74S240 74S240	MDS	D2	
1B05-16	.	TO	64.0	-15.0		-OUT2		74S240 74S240	MDS	D2	
1B05-17	.	TI	-0.40	0.5		IN5		74S240 74S240	MDS	D2	
1B05-18	.	TO	64.0	-15.0		-OUT1		74S240 74S240	MDS	D2	
1B17-10(12)	.	TO	20.0	-1.0		0		93S48 93S48	VME2	C8	
1B23-06(08)	.	TI	-2.0	0.5		D2		25S07 25S07	VMA	B1	
1B23-07(09)	.	TO	20.0	-1.0		Q2		25S07 25S07	VMA	B1	
1B23-10(12)	.	TO	20.0	-1.0		Q3		25S07 25S07	VMA	B1	
1B23-11(13)	.	TI	-2.0	0.5		D3		25S07 25S07	VMA	B1	
1B23-12(14)	.	TO	20.0	-1.0		Q4		25S07 25S07	VMA	B1	
1B23-13(15)	.	TI	-2.0	0.5		D4		25S07 25S07	VMA	B1	
1B23-14(16)	.	TI	-2.0	0.5		D5		25S07 25S07	VMA	B1	
1B23-15(17)	.	TO	20.0	-1.0		Q6		25S07 25S07	VMA	B1	
1B25020-05(18)	.	TZ	-20.0	0.0				SIP220/330-8	SIP220/330-8	BCTERM B8	
1B25020-06(15)	.	TZ	-20.0	0.0				SIP220/330-8	SIP220/330-8	BCTERM B8	
1B25020-07(14)	.	TZ	-20.0	0.0				SIP220/330-8	SIP220/330-8	BCTERM B8	
1C01-05(08)	.	TO	20.0	-1.0		EVEN		74S280 74S280	VME0	C7	
1C02-06(09)	.	TO	20.0	-1.0		ODD		74S280 74S280	VME0	D7	
1C03-10(12)	.	TO	20.0	-1.0		0		93S48 93S48	VME1	C8	
1C04-09(11)	.	TO	20.0	-1.0		E		93S48 93S48	VME1	D8	
1C10-02	.	TI	-0.40	0.5		IN1		74S240 74S240	VME2	D1	
1C10-04	.	TI	-0.40	0.5		IN2		74S240 74S240	VME2	D1	
1C10-06	.	TI	-0.40	0.5		IN3		74S240 74S240	VME2	D1	
1C10-14	.	TO	64.0	-15.0		-OUT3		74S240 74S240	VME2	D1	
1C10-16	.	TO	64.0	-15.0		-OUT2		74S240 74S240	VME2	D1	
1C10-18	.	TO	64.0	-15.0		-OUT1		74S240 74S240	VME2	D1	
1C23-02(04)	.	TO	20.0	-1.0		1Q		74S175 74S175	VC11	B8	
1C23-03(05)	.	TO	20.0	-1.0		-1Q		74S175 74S175	VC11	B8	
1C23-04(06)	.	TI	-2.0	0.5		1D		74S175 74S175	VC11	B8	
1C23-10(12)	.	TO	20.0	-1.0		3Q		74S175 74S175	VC11	B8	
1C23-11(13)	.	TO	20.0	-1.0		-3Q		74S175 74S175	VC11	B8	
1C23-12(14)	.	TI	-2.0	0.5		3D		74S175 74S175	VC11	B8	
1D03-10(12)	.	TO	20.0	-1.0		0		93S48 93S48	VME2	D8	
1D13-07	.	TO	64.0	-15.0		-OUT7		74S240 74S240	VME1	B1	
1D13-13	.	TI	-0.40	0.5		IN7		74S240 74S240	VME1	B1	
1D21-06(09)	.	TO	20.0	-1.0		-Q1		74S74 74S74	VC11	C2	
1D21-08(11)	.	TO	20.0	-1.0		-Q2		74S74 74S74	VC11	D2	
1D22-06(09)	.	TO	20.0	-1.0		200NS		1D250 1D250	VC11	D6	
1D22-08(11)	.	TO	20.0	-1.0		250NS		1D250 1D250	VC11	D6	
1D22-10(13)	.	TO	20.0	-1.0		150NS		1D250 1D250	VC11	D6	
1D22-12(15)	.	TO	20.0	-1.0		50NS		1D250 1D250	VC11	D6	
1D23-04(07)	.	TO	20.0	-1.0		20NS		1D50 1D50	VC11	D5	
1D23-08(11)	.	TO	20.0	-1.0		50NS		1D50 1D50	VC11	D5	
1D23-12(15)	.	TO	20.0	-1.0		10NS		1D50 1D50	VC11	D5	
1D26-01(04)	.	TI	-2.0	0.5				74S04 74S04A	VC12	A7	
1D26-02(05)	.	TO	20.0	-1.0				74S04 74S04A	VC12	A7	
1E17-10(12)	.	TO	20.0	-1.0		0		93S48 93S48	VME2DR	D1	
1E18-10(12)	.	TO	20.0	-1.0		0		93S48 93S48	VME2DR	D3	
1E19-02	.	TO	20.0	-6.50		Q0		74S374 74S374	MD	B2	
1E19-03	.	TI	-0.25	0.5		D0		74S374 74S374	MD	B2	
1E19-04	.	TI	-0.25	0.5		D1		74S374 74S374	MD	B2	
1E19-05	.	TO	20.0	-6.50		Q1		74S374 74S374	MD	B2	
1E19-06	.	TO	20.0	-6.50		Q2		74S374 74S374	MD	B2	

1E19-07	TI	-0.25	0.5	D2	74S374	7.4	S374	M D	B2
1E1C-08	TI	-0.25	0.5	D3	74S374	7.4	S374	M D	B2
1E1D-09	TOF	20.0	-6.50	Q3	74S374	7.4	S374	M D	H2
1E1E-12	TOF	20.0	-6.50	Q4	74S374	7.4	S374	M D	B2
1E1F-13	TI	-0.25	0.5	D4	74S374	7.4	S374	M D	B2
1E1G-14	TI	-0.25	0.5	D5	74S374	7.4	S374	M D	B2
1E1H-15	TCJ	20.0	-6.50	Q5	74S374	7.4	S374	M D	H2
1E2I-10(12)	TC	20.0	-1.0	3Q	74S175	7.4	S175	V CTL1	B3
1E2J-11(13)	TC	20.0	-1.0	-3Q	74S175	7.4	S175	V CTL1	B3
1E2K-12(14)	TI	-2.0	0.5	3D	74S175	7.4	S175	V CTL1	B3
1E2L-13(15)	TI	-2.0	0.5	4D	74S175	7.4	S175	V CTL1	B3
1E2M-14(16)	TC	20.0	-1.0	-4Q	74S175	7.4	S175	V CTL1	B3
1E2N-15(17)	TC	20.0	-1.0	4Q	74S175	7.4	S175	V CTL1	B3
1E2O-10(12)	TC	20.0	-1.0	O	93S48	9.3	S48	IF AP	B4
1E2P-10(12)	TC	20.0	-1.0	F1	74S181	7.4	S181	AI U1	D1
2A0S-1-10(2A02-06)	TC	20.0	-1.0	F2	74S181	7.4	S181	AI U1	D1
2A0S-1-11(17)	TC	20.0	-1.0	F3	74S181	7.4	S181	AI U1	D1
2A0S-1-13(08)	TC	20.0	-1.0	A=B	74S181	7.4	S181	AI U1	D1
2A0S-1-14(13)	TC	20.0	-1.0	CP	74S181	7.4	S181	AI U1	D1
2A0S-1-15(14)	TC	20.0	-1.0	CN+4	74S181	7.4	S181	AI U1	D1
2A0S-1-16(2A02-08)	TC	20.0	-1.0	CG	74S181	7.4	S181	AI U1	D1
2A0S-1-17(2A02-07)	TC	20.0	-1.0	H3	74S181	7.4	S181	AI U1	D1
2A0S-1-18(2A02-14)	TI	-6.0	0.15	A3	74S181	7.4	S181	AI U1	D1
2A0S-1-19(2A02-13)	TI	-6.0	0.15	B2	74S181	7.4	S181	AI U1	D1
2A0S-1-20(2A02-15)	TI	-6.0	0.15	A2	74S181	7.4	S181	AI U1	D1
2A0S-1-21(2A01-08)	TI	-6.0	0.15	B1	74S181	7.4	S181	AI U1	D1
2A0S-1-22(2A01-07)	TI	-6.0	0.15	A1	74S181	7.4	S181	AI U1	D1
2A0S-1-23(2A01-14)	TI	-6.0	0.15	CN+4	74S181	7.4	S181	AI U1	D3
2A0E-1-16(2AC-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B1
2A0E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B2
2A1I-1-06(08)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U1	D8
2A1J-1-16(2A12-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B3
2A1K-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B4
2A1L-1-06(08)	TC	20.0	-1.0	G3	74S182	7.4	S182	AI UC4	D1
2A1E-1-06(08)	TI	-6.0	0.20	P3	74S182	7.4	S182	AI UC4	D1
2A1F-1-06(08)	TI	-4.0	0.10	P	74S182	7.4	S182	AI UC4	D1
2A1G-1-07(09)	TC	20.0	-1.0	PN+Z	74S182	7.4	S182	AI UC4	D1
2A1H-1-09(11)	TC	20.0	-1.0	G	74S182	7.4	S182	AI UC4	D1
2A1I-1-10(12)	TC	20.0	-1.0	G2	74S182	7.4	S182	AI UC4	D1
2A1J-1-14(16)	TI	-14.0	0.35	P2	74S182	7.4	S182	AI UC4	D1
2A1K-1-15(17)	TI	-6.0	0.15	CM+4	74S181	7.4	S181	AI U0	D2
2A2S-1-16(2A22-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B1
2A24-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B2
2A2E-1-06(08)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U0	D5
2A2I-1-16(2A27-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B3
2A2J-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B4
2A3I-1-06(08)	TC	20.0	-1.0	D	74S169	7.4	S169	LC :	B1
2B0S-1-05(07)	TI	-2.0	0.5	QD	74S169	7.4	S169	LC :	B1
2B0S-1-06(08)	TC	20.0	-1.0	QC	74S169	7.4	S169	LC :	B1
2B0S-1-11(13)	TC	20.0	-1.0	-CO	74S169	7.4	S169	LC :	B1
2B0S-1-12(14)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U1	D4
2B0S-1-15(17)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D1
2B0E-1-16(2B07-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D2
2B0F-1-06(08)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U1	D8
2B1I-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D3
2B1J-1-16(2B12-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D4
2B1K-1-06(08)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U0	D3
2B1L-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D1
2B2I-1-16(2B22-08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D2
2B2J-1-06(08)	TC	20.0	-1.0	CM+4	74S181	7.4	S181	AI U0	D7
2B2E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D3
2B2F-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D4
2B3I-1-06(08)	TC	20.0	-1.0	74S04	7.4	S04A	CI OCKD	C1	
2C0E-1-03(06)	TC	20.0	-1.0	74S04	7.4	S04A	CI OCKD	C1	
2C0E-1-04(07)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B5
2C0E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B8
2C14-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B5
2C1E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B6
2C24-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B6
2C2E-1-03(07(09))	TI	-15.0	0.0	S1P330/47J	-8	S1	P330/470-8	BCTERM	D8
2C2E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D5
2C3I-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D6
2D04-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B6
2D0E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	B7
2D1I-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D5
2D1J-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D6
2D1E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D7
2D1F-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J1	D8
2D2E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B7
2D2F-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	B8
2D2E-1-01(04)	TI	-2.0	0.5	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-02(05)	TC	20.0	-1.0	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-10(13)	TC	20.0	-1.0	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-11(14)	TI	-2.0	0.5	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-12(15)	TC	20.0	-1.0	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-13(16)	TI	-2.0	0.5	74S04	7.4	S04A	MS:KG4	D8	
2D2E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D7
2D2E-1-06(08)	TC	20.0	-1.0	-OUT	74S151	7.4	S151	MC J0	D8
2F1I-1-01(03)	TC	20.0	-1.0	S1	74S283	7.4	S283	SM:CTL	B7
2E1I-1-02(04)	TI	-2.0	0.5	A1	74S283	7.4	S283	SM:CTL	B7
2E1I-1-03(05)	TI	-2.0	0.5	COU	74S283	7.4	S283	SM:CTL	B7
2E1I-1-09(11)	TC	10.0	-0.50	S3	74S283	7.4	S283	SM:CTL	B7
2E1I-1-10(12)	TC	20.0	-1.0	B3	74S283	7.4	S283	SM:CTL	B7
2E1I-1-11(13)	TI	-2.0	0.5	A3	74S283	7.4	S283	SM:CTL	B7
2E1I-1-12(14)	TC	20.0	-1.0	S2	74S283	7.4	S283	SM:CTL	B7
2E1I-1-13(15)	TC	20.0	-1.0	A2	74S283	7.4	S283	SM:CTL	B7
2E1I-1-14(16)	TI	-2.0	0.5	B2	74S283	7.4	S283	SM:CTL	B7
2E1I-1-15(17)	TI	-2.0	0.5	RES20	RIE S20	MS:KG4	D5		
2E2I-1-02	TC	20.0	-2.50	74S04	7.4	S04A	DF:AM2	D3	
2F0E-1-01(04)	TI	-2.0	0.5	74S04	7.4	S04A	DF:AM2	D3	
2F0E-1-02(05)	TC	20.0	-1.0	74S04	7.4	S04A	DF:AM1	C3	
2F04-1-01(04)	TI	-2.0	0.5	74S04	7.4	S04A	DF:AM1	C3	
2F04-1-02(05)	TC	20.0	-1.0	74S04	7.4	S04A	DF:AM0	C3	
2F2I-1-01(04)	TI	-2.0	0.5	74S04	7.4	S04A	DF:AM0	C3	
2F2I-1-02(05)	TC	20.0	-1.0	74S04	7.4	S04A	DF:AM0	C3	
2F2E-1-09(11)	TC	16.0	-2.40	B7	5610	S1 J0	DS:PCYL	D1	
2F2E-1-03	TC	64.0	-15.0	OUT6	74S241	7.4	S241	DF:AM1	D3
2F2E-1-05	TC	64.0	-15.0	OUT7	74S241	7.4	S241	DF:AM1	D3
2F2E-1-07	TC	64.0	-15.0	IN7	74S241	7.4	S241	DF:AM1	D3
2F2E-1-13	TI	-0.40	0.5	IN6	74S241	7.4	S241	DF:AM1	D3
2F2E-1-15	TI	-0.40	0.5	IN5	74S241	7.4	S241	DF:AM1	D3
2F2E-1-17	TI	-0.40	0.5	O	93S48	9.3	S48	AF:AR	B5
3A2E-1-10(12)	TC	20.0	-1.0	O	93S48	9.3	S48	AF:AR	B3
3A2E-1-10(12)	TC	20.0	-1.0	O	93S48	9.3	S48	AF:AR	B1
3A3I-1-10(12)	TC	20.0	-1.0	IN1	74S241	7.4	S241	AI:AFCH	D1
3B0I-1-02	TI	-0.40	0.5						

3B01-04	T I	-0.40	0.5	IN2	74S241	74S241	A L A TCH	D1
3B01-06	T I	-0.40	0.5	IN3	74S241	74S241	A L A TCH	D1
3B01-07	TCOT	64.0	-15.0	OUT7	74S241	74S241	A L A TCH	D1
3B01-08	T I	-0.40	0.5	IN4	74S241	74S241	A L A TCH	D1
3B01-09	TCOT	64.0	-15.0	OUT8	74S241	74S241	A L A TCH	D1
3B01-11	T I	-0.40	0.5	IN8	74S241	74S241	A L A TCH	D1
3B01-12	TCOT	64.0	-15.0	OUT4	74S241	74S241	A L A TCH	D1
3B01-13	T I	-0.40	0.5	IN7	74S241	74S241	A L A TCH	D1
3B01-14	TCOT	64.0	-15.0	OUT3	74S241	74S241	A L A TCH	D1
3B01-16	TCOT	64.0	-15.0	OUT2	74S241	74S241	A L A TCH	D1
3B01-18	TCOT	64.0	-15.0	OUT1	74S241	74S241	A L A TCH	D1
3B02-02	TCOT	20.0	-6.50	Q0	74S373	74S373	A L A TCH	B1
3B02-03	T I	-0.25	0.5	D0	74S373	74S373	A L A TCH	B1
3B02-04	T I	-0.25	0.5	D1	74S373	74S373	A L A TCH	B1
3B02-05	TCOT	20.0	-6.50	Q1	74S373	74S373	A L A TCH	B1
3B02-06	TCOT	20.0	-6.50	Q2	74S373	74S373	A L A TCH	B1
3B02-07	T I	-0.25	0.5	D2	74S373	74S373	A L A TCH	B1
3B02-08	T I	-0.25	0.5	D3	74S373	74S373	A L A TCH	B1
3B02-09	TCOT	20.0	-6.50	Q3	74S373	74S373	A L A TCH	B1
3B02-12	TCOT	20.0	-6.50	Q4	74S373	74S373	A L A TCH	B1
3B02-13	T I	-0.25	0.5	D4	74S373	74S373	A L A TCH	B1
3B02-14	T I	-0.25	0.5	D5	74S373	74S373	A L A TCH	B1
3B02-15	TCOT	20.0	-6.50	Q5	74S373	74S373	A L A TCH	B1
3B29-02(04)	TCOT	20.0	-1.0	Q0	25S09	25S09	AC T ILL	B1
3B29-03(05)	T I	-2.0	0.5	DOA	25S09	25S09	AC T ILL	B1
3B29-04(06)	T I	-2.0	0.5	DOB	25S09	25S09	AC T ILL	B1
3B29-05(07)	T I	-2.0	0.5	D1R	25S09	25S09	AC T ILL	B1
3B29-06(08)	T I	-2.0	0.5	D1A	25S09	25S09	AC T ILL	B1
3B29-07(09)	TCOT	20.0	-1.0	Q1	25S09	25S09	AC T ILL	B1
3C12-01(04)	TCOT	20.0	-1.0	Q4	74S04	74S04A	CL ICK CKD	B6
3C12-02(05)	TCOT	20.0	-1.0	D4	74S04	74S04A	CL ICK CKD	B6
3C14-12(14)	TCOT	20.0	-1.0	D5	25S07	25S07	DES I PCTL	B6
3C14-13(15)	T I	-2.0	0.5	D4	25S07	25S07	DES I PCTL	B6
3C14-14(16)	T I	-2.0	0.5	D5	25S07	25S07	DES I PCTL	B6
3C14-15(17)	TCOT	20.0	-1.0	Q5	25S07	25S07	DES I PCTL	B6
3C21-05(07)	T I	-2.0	0.5	C	74S169	74S169	PE D I PIR	C8
3C21-06(08)	T I	-2.0	0.5	C	74S169	74S169	PE D I PIR	C8
3C21-11(13)	TCOT	20.0	-1.0	QD	74S169	74S169	PE D I PIR	C8
3C21-12(14)	TCOT	20.0	-1.0	QC	74S169	74S169	PE D I PIR	C8
3C21-15(17)	TCOT	20.0	-1.0	-C0	74S169	74S169	PE D I PIR	C8
3C22-12(14)	TCOT	20.0	-1.0	Q4	25S07	25S07	PE D I PIR	D6
3C22-13(15)	T I	-2.0	0.5	D4	25S07	25S07	PE D I PIR	D6
3C22-14(16)	T I	-2.0	0.5	D5	25S07	25S07	PE D I PIR	D6
3C22-15(17)	TCOT	20.0	-1.0	Q5	25S07	25S07	PE D I PIR	D6
3D03-05(08)	T I	-2.0	0.5	Q4	74S04	74S04A	SC D J RCE	B7
3D03-06(09)	TCOT	20.0	-1.0	Q5	74S04	74S04A	SC D J RCE	B7
3D04-06(08)	TCOT	20.0	-1.0	1Y2	74S139	74S139	SC D J RCE	D1
3D04-07(09)	TCOT	20.0	-1.0	1Y3	74S139	74S139	SC D J RCF	D1
3D04-12(14)	TCOT	20.0	-1.0	2Y0	74S139	74S139	VC T I L2	C7
3D06-02(04)	TCOT	20.0	-1.0	Q0	25S09	25S09	I F R E G	B2
3D06-03(05)	T I	-2.0	0.5	DOA	25S09	25S09	I F R E G	B2
3D06-04(06)	T I	-2.0	0.5	DOB	25S09	25S09	I F R E G	B2
3D11-07(09)	TCOT	20.0	-1.0	7	74S138	74S138	SC D J RCF	D3
3D11-09(11)	TCOT	20.0	-1.0	6	74S138	74S138	SC D J RCE	D3
3D11-10(12)	TCOT	20.0	-1.0	5	74S138	74S138	SC D J RCE	D3
3D11-11(13)	TCOT	20.0	-1.0	4	74S138	74S138	SC D J RCE	D3
3D11-12(14)	TCOT	20.0	-1.0	3	74S138	74S138	SC D J RCE	D3
3D11-15(17)	TCOT	20.0	-1.0	3	74S138	74S138	SC D J RCE	D3
3D20-02(04)	TCOT	20.0	-1.0	Q0	25S09	25S09	I F R E G	D1
3D20-03(05)	T I	-2.0	0.5	DOA	25S09	25S09	I F R E G	D1
3D20-04(06)	T I	-2.0	0.5	DOB	25S09	25S09	I F R E G	D1
3D20-05(07)	T I	-2.0	0.5	D1B	25S09	25S09	I F R E G	D1
3D20-06(08)	T I	-2.0	0.5	D1A	25S09	25S09	I F R E G	D1
3D20-07(09)	TCOT	20.0	-1.0	Q1	25S09	25S09	I F R E G	D1
3D23-07(09)	TCOT	20.0	-1.0	7	74S138	74S138	SC D J RCE	B5
3D23-09(11)	TCOT	20.0	-1.0	6	74S138	74S138	SC D J RCE	B5
3D23-10(12)	TCOT	20.0	-1.0	5	74S138	74S138	SC D J RCE	B5
3D26-05(07)	T I	-2.0	0.5	2D	74S175	74S175	CO N V IRL	D1
3D26-06(08)	TCOT	20.0	-1.0	-2Q	74S175	74S175	CO N V IRL	D1
3D26-07(09)	TCOT	20.0	-1.0	2Q	74S175	74S175	CO N V IRL	D1
3E02-10(12)	TCOT	20.0	-1.0	W0	93S48	93S48	I F P A R	C1
3E04-10(12)	TCOT	20.0	-1.0	W0	93S48	93S48	I F P A R	C6
3F08-02	TCOT	12.0	-2.60	W1	25I S2519	25I S2519	2F ILL S2519	FLAG D2
3F08-05	TCOT	12.0	-2.60	W1	25I S2519	25I S2519	2F ILL S2519	FLAG D2
3F08-12	TCOT	12.0	-2.60	W2	25I S2519	25I S2519	2F ILL S2519	FLAG D2
3F08-15	TCOT	12.0	-2.60	W3	25I S2519	25I S2519	2F ILL S2519	FLAG D2
3E12-06(08)	TCOT	20.0	-1.0	-20	74S175	74S175	LC ICK	C4
3E12-11(13)	TCOT	20.0	-1.0	-30	74S175	74S175	LC ICK	C4
3E12-13(15)	T I	-2.0	0.5	4D	74S175	74S175	LC ICK	C4
3E12-14(16)	TCOT	20.0	-1.0	-40	74S175	74S175	LC ICK	C4
3E12-15(17)	TCOT	20.0	-1.0	4Q	74S175	74S175	LC ICK	C4
3E16-02	T I	-0.20	0.2	IN1	74LS244	74LS244	S I P Y 2	B8
3E16-04	T I	-0.20	0.2	IN2	74LS244	74LS244	S I P Y 2	B8
3E21-10(12)	TCOT	20.0	-1.0	O	93S48	93S48	I F P A R	C3
3F11-02	T I	-0.40	0.5	IN1	74S241	74S241	DS I PCTL	D4
3F11-04	T I	-0.40	0.5	IN2	74S241	74S241	DS I PCTL	D4
3F11-06	T I	-0.40	0.5	IN3	74S241	74S241	DS I PCTL	D4
3F11-07	TCOT	64.0	-15.0	OUT7	74S241	74S241	DS I PCTL	D4
3F11-08	T I	-0.40	0.5	IN4	74S241	74S241	DS I PCTL	D4
3F11-09	TCOT	64.0	-15.0	OUT8	74S241	74S241	DS I PCTL	D4
3F11-11	T I	-0.40	0.5	IN8	74S241	74S241	DS I PCTL	D4
3F11-12	TCOT	64.0	-15.0	OUT4	74S241	74S241	DS I PCTL	D4
3F11-13	T I	-0.40	0.5	IN7	74S241	74S241	DS I PCTL	D4
3F11-14	TCOT	64.0	-15.0	OUT3	74S241	74S241	DS I PCTL	D4
3F11-16	TCOT	64.0	-15.0	OUT2	74S241	74S241	DS I PCTL	D4
3F11-18	TCOT	64.0	-15.0	OUT1	74S241	74S241	DS I PCTL	D4
3F15-02	T I	-0.20	0.2	IN1	74LS244	74LS244	S I P Y 2	B7
3F15-04	T I	-0.20	0.2	IN2	74LS244	74LS244	S I P Y 2	B7
3F22-10(12)	TCOT	20.0	-1.0	O	93S48	93S48	I F P A R	C8
3F24-10(12)	TCOT	20.0	-1.0	O	93S48	93S48	I F P A R	C4
3F26-09(11)	TCOT	10.0	-0.50	COUT	74S283	74S283	NP ICK	D4
3F26-10(12)	TCOT	20.0	-1.0	S3	74S283	74S283	NP ICK	D4
3F26-12(14)	T I	-2.0	0.5	A3	74S283	74S283	NP ICK	D4
3F26-13(15)	TCOT	20.0	-1.0	S2	74S283	74S283	NP ICK	D4
3F26-14(16)	T I	-2.0	0.5	A2	74S283	74S283	NP ICK	D4
4A12-10(12)	TCOT	20.0	-1.0	O	93S48	93S48	I F P A R	D3
4A14-10(12)	TCOT	20.0	-1.0	O	93S48	93S48	I F P A R	D1
4A16-05(07)	T I	-2.0	0.5	IN0	74S258	74S258	MC T ILL	D2
4A16-06(08)	T I	-2.0	0.5	IN1	74S258	74S258	MC T ILL	D2
4A16-07(09)	TCOT	20.0	-1.0	-OUT	74S258	74S258	MC T ILL	D2
4A16-09(11)	TCOT	20.0	-1.0	-OUT	74S258	74S258	MC T ILL	D2
4A16-10(12)	T I	-2.0	0.5	IN1	74S258	74S258	MC T ILL	D2
4A16-11(13)	T I	-2.0	0.5	IN0	74S258	74S258	MC T ILL	D2
4A19-02	TCOT	20.0	-2.50	RES20	RES20	RES20	MC T ILL	D8
4B02-02	TCOT	20.0	-6.50	Q0	74S373	74S373	ML A TCH	B1
4B02-03	T I	-0.25	0.5	D0	74S373	74S373	ML A TCH	B1
4B02-04	T I	-0.25	0.5	D1	74S373	74S373	ML A TCH	B1

FLAG D2
FLAG D2
FLAG D2
FLAG D2

4B02-05	TOT	20.0	-6.50	Q1	74S373	74S373	MLAICH	B1
4B02-06	TOT	20.0	-6.50	Q2	74S373	74S373	MLAICH	B1
4B02-07	TI	-0.25	0.5	D2	74S373	74S373	MLAICH	B1
4B02-08	TI	-0.25	0.5	D3	74S373	74S373	MLAICH	B1
4B02-09	TOT	20.0	-6.50	Q3	74S373	74S373	MLAICH	B1
4B02-12	TOT	20.0	-6.50	Q4	74S373	74S373	MLAICH	B1
4B02-13	TI	-0.25	0.5	D4	74S373	74S373	MLAICH	B1
4B02-14	TI	-0.25	0.5	D5	74S373	74S373	MLAICH	B1
4B02-15	TOT	20.0	-6.50	Q5	74S373	74S373	MLAICH	B1
4B02-16	TOT	20.0	-6.50	Q6	74S373	74S373	MLAICH	B1
4B02-17	TI	-0.25	0.5	D6	74S373	74S373	MLAICH	B1
4B08-02	TOT	20.0	-6.50	Q0	74S373	74S373	PLAICH	D1
4B08-03	TI	-0.25	0.5	D0	74S373	74S373	PLAICH	D1
4B08-04	TI	-0.25	0.5	D1	74S373	74S373	PLAICH	D1
4B08-05	TOT	20.0	-6.50	Q1	74S373	74S373	PLAICH	D1
4B08-06	TOT	20.0	-6.50	Q2	74S373	74S373	PLAICH	D1
4B08-07	TI	-0.25	0.5	D2	74S373	74S373	PLAICH	D1
4B08-08	TI	-0.25	0.5	D3	74S373	74S373	PLAICH	D1
4B08-09	TOT	20.0	-6.50	Q3	74S373	74S373	PLAICH	D1
4B08-12	TOT	20.0	-6.50	Q4	74S373	74S373	PLAICH	D1
4B08-13	TI	-0.25	0.5	D4	74S373	74S373	PLAICH	D1
4B08-14	TI	-0.25	0.5	D5	74S373	74S373	PLAICH	D1
4B08-15	TOT	20.0	-6.50	Q5	74S373	74S373	PLAICH	D1
4B08-16	TOT	20.0	-6.50	Q6	74S373	74S373	PLAICH	D1
4B08-17	TI	-0.25	0.5	D6	74S373	74S373	PLAICH	D1
4B27-09(11)	TOC	40.0		Q1	82S21	82S21	MMEM	B1
4B27-14(16)	TI	-1.60	0.2	I1	82S21	82S21	MMEM	B1
4B27-15(17)	TI	-1.60	0.2	-WF1	82S21	82S21	MMEM	B1
4C03-10(12)	TO	20.0	-1.0	E	93S48	93S48	L	D5
4C08-09(11)	TO	20.0	-1.0	0	93S48	93S48	L	D6
4C11-14(16)	TO	20.0	-1.0	-40	74S175	74S175	PDLCTL	D4
4D01-03	TOT	64.0	-15.0	OUT5	74S241	74S241	LPC	B6
4D01-05	TOT	64.0	-15.0	OUT6	74S241	74S241	LPC	B6
4D01-15	TI	-0.40	0.5	IN6	74S241	74S241	LPC	B6
4D01-17	TI	-0.40	0.5	IN5	74S241	74S241	LPC	B6
4D03-01(04)	TI	-2.0	0.5		74S04	74S04A	CLOCKD	D6
4D03-02(05)	TO	20.0	-1.0		74S04	74S04A	CLOCKD	D6
4D03-03(06)	TI	-2.0	0.5		74S04	74S04A	CLOCKD	D6
4D03-04(07)	TO	20.0	-1.0		74S04	74S04A	CLOCKD	D6
4F04-02	TOT	20.0	-6.50	Q0	74S374	74S374	NPC	D1
4F04-03	TI	-0.25	0.5	D0	74S374	74S374	NPC	D1
4F04-04	TI	-0.25	0.5	D1	74S374	74S374	NPC	D1
4F04-05	TOT	20.0	-6.50	Q1	74S374	74S374	NPC	D1
4F06-09(11)	TO	20.0	-1.0	OUT1	74S157	74S157	LPC	D2
4F06-10(12)	TI	-2.0	0.5	IN1	74S157	74S157	LPC	D2
4F06-11(13)	TI	-2.0	0.5	IN0	74S157	74S157	LPC	D2
4F06-12(14)	TO	20.0	-1.0	OUT1	74S157	74S157	LPC	D2
4F06-13(15)	TI	-2.0	0.5	IN1	74S157	74S157	LPC	D2
4F06-14(16)	TI	-2.0	0.5	IN0	74S157	74S157	LPC	D2
4F16-02	TI	-0.40	0.5	IN1	74S241	74S241	SPCLCH	D1
4F16-04	TI	-0.40	0.5	IN2	74S241	74S241	SPCLCH	D1
4F16-06	TI	-0.40	0.5	IN3	74S241	74S241	SPCLCH	D1
4F16-08	TI	-0.40	0.5	IN4	74S241	74S241	SPCLCH	D1
4F16-12	TOT	64.0	-15.0	OUT4	74S241	74S241	SPCLCH	D1
4F16-14	TOT	64.0	-15.0	OUT3	74S241	74S241	SPCLCH	D1
4F16-16	TOI	64.0	-15.0	OUT2	74S241	74S241	SPCLCH	D1
4F16-18	TOT	64.0	-15.0	OUT1	74S241	74S241	SPCLCH	D1
4F29-13	TOT	20.0	-2.50	RF520	RF520	RF520	SPC	D8
4F29-14	TOT	20.0	-2.50	RF520	RF520	RF520	SPC	D8
4F08-02(04)	TO	20.0	-1.0	Q0	25S07	25S07	LPC	B1
4F08-03(05)	TI	-2.0	0.5	D0	25S07	25S07	LPC	B1
4F08-04(06)	TI	-2.0	0.5	D1	25S07	25S07	LPC	B1
4F08-05(07)	TO	20.0	-1.0	Q1	25S07	25S07	LPC	B1
4F08-06(08)	TI	-2.0	0.5	D2	25S07	25S07	LPC	B1
4F08-07(09)	TO	20.0	-1.0	Q2	25S07	25S07	LPC	B1
4F08-10(12)	TO	20.0	-1.0	Q3	25S07	25S07	LPC	B1
4F08-11(13)	TI	-2.0	0.5	D3	25S07	25S07	LPC	B1
4F09-06(09)	TO	20.0	-1.0	QDD	74S280	74S280	DSPECTL	B3
4F10-05(08)	TO	20.0	-1.0	EVEN	74S280	74S280	DSPECTL	B3
4F11-10(12)	TO	20.0	-1.0	O2	25S09	25S09	SPCW	D3
4F11-11(13)	TI	-2.0	0.5	D2A	25S09	25S09	SPCW	D3
4F11-12(14)	TI	-2.0	0.5	D2B	25S09	25S09	SPCW	D3
4F11-13(15)	TI	-2.0	0.5	D3B	25S09	25S09	SPCW	D3
4F11-14(16)	TI	-2.0	0.5	D3A	25S09	25S09	SPCW	D3
4F11-15(17)	TO	20.0	-1.0	Q3	25S09	25S09	SPCW	D3
4F15-12(14)	TO	20.0	-1.0	OUT	74S157	74S157	SPCW	C1
4F15-13(15)	TI	-2.0	0.5	IN1	74S157	74S157	SPCW	C1
4F15-14(16)	TI	-2.0	0.5	IN0	74S157	74S157	SPCW	C1
4F16-10(12)	TO	20.0	-1.0	O	93S48	93S48	SPCPAR	C1
4F17-09(11)	TO	20.0	-1.0	E	93S48	93S48	SPCPAR	C3
4F18-02	TOT	20.0	-6.50	Q0	74S373	74S373	SPCLCH	B1
4F18-03	TI	-0.25	0.5	D0	74S373	74S373	SPCLCH	B1
4F18-04	TI	-0.25	0.5	D1	74S373	74S373	SPCLCH	B1
4F18-05	TOT	20.0	-6.50	Q1	74S373	74S373	SPCLCH	B1
4F18-06	TOT	20.0	-6.50	Q2	74S373	74S373	SPCLCH	B1
4F18-07	TI	-0.25	0.5	D2	74S373	74S373	SPCLCH	B1
4F18-08	TI	-0.25	0.5	D3	74S373	74S373	SPCLCH	B1
4F18-09	TOT	20.0	-6.50	Q3	74S373	74S373	SPCLCH	B1
4F21-10(12)	TO	20.0	-1.0	O	93S48	93S48	SPCPAR	C5
4F23-03(05)	TI	-2.0	0.5	A	74S169	74S169	SPC	B6
4F23-04(06)	TI	-2.0	0.5	B	74S169	74S169	SPC	B6
4F23-05(07)	TI	-2.0	0.5	C	74S169	74S169	SPC	B6
4F23-06(08)	TI	-2.0	0.5	D	74S169	74S169	SPC	B6
4F26-10(12)	TO	20.0	-1.0	O	93S48	93S48	SPCPAR	C7
4F28-03(05)	TI	-2.0	0.5	A	74S169	74S169	SPC	B8
4F28-04(06)	TI	-2.0	0.5	B	74S169	74S169	SPC	B8
4F28-05(07)	TI	-2.0	0.5	C	74S169	74S169	SPC	B8
4F28-06(08)	TI	-2.0	0.5	D	74S169	74S169	SPC	B8
4F28-11(13)	TO	20.0	-1.0	QD	74S169	74S169	SPC	B8
4F28-12(14)	TO	20.0	-1.0	QC	74S169	74S169	SPC	B8
4F28-13(15)	TO	20.0	-1.0	QB	74S169	74S169	SPC	B8
4F28-15(17)	TO	20.0	-1.0	-CO	74S169	74S169	SPC	B8
2FJ1-20				CON			CPINS	B1
3CJ1-20				CON			CPINS	B3
3FJ1-19				CON			CPINS	D4
3FJ1-20				CON			CPINS	D4
4BJ1-19				CON			CPINS	B6
4BJ1-20				CON			CPINS	B6

THIS RUN IS NOT TO BE WIRED

CADR PROCESSOR

CADRWD:CADR4 WLR

29-FEB-80 2105

SIGNAL NAME LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
NEEDFETCH											
1A16-02	\	TI	-0.40	0.5		IN1	74S241	74S241	LC	D3	
3E09-11(14)	.1	TO	20.0	-1.0	18.1	OUT	74S32	74S32	LCC	B2	
3F07-12(15)	.1	TIS	-2.0	0.5	1.5		74S00	74S00	LCC	C1	
3E22-05(08)	.1	TI	-2.0	0.5	4.0		74S04	74S04	LCC	C1	
3F16-12(15)	.1	TIS	-2.0	0.5	4.2		74S64	74S64	VCTL1	D8	
			-6.40(0.20)/20.0(-1.0)			32.3					
-NEEDFETCH											
4D09-05(08)	.	TIS	-2.0	0.5			74S08	74S08	LCC	C1	
3E22-06(09)	.1	TO	20.0	-1.0	6.4		74S04	74S04	LCC	C1	
			-2.0(0.5)/20.0(-1.0)								
NEWLC											
3E12-03(05)		TO	20.0	-1.0		-1Q	74S175	74S175	LCC	C4	
									ONE PIN RUN	0	
									UNUSED EXTRA OUTPUT	0	
-NEWLC											
3E12-02(04)	.	TO	20.0	-1.0		1Q	74S175	74S175	LCC	C4	
3E11-04(07)	.1	TIS	-2.0	0.5	1.0		74S00	74S000	LCC	A1	
			-2.0(0.5)/20.0(-1.0)								
-NEWLC.IN											
3E12-04(06)	.	TI	-2.0	0.5		1D	74S175	74S175	LCC	C4	
3F11-08(11)	.1	TO	20.0	-1.0	1.3		74S00	74S00	LCC	A1	
			-2.0(0.5)/20.0(-1.0)								
NEXT.INSTR											
3E17-01(04)	.	TO	20.0	-1.0		3D	74S02	74S020	LCC	A2	
3E12-12(14)	.1	TI	-2.0	0.5	1.3		74S175	74S175	LCC	C4	
			-2.0(0.5)/20.0(-1.0)								
NEXT.INSTRD											
4F03-12(15)	\	TI	-2.0	0.5		IN	74S32	74S32	LCC	D2	
3E17-09(12)	.1	TI	-2.0	0.5	5.0		74S02	74S02	LCC	D2	
3E12-10(12)	.1	TO	20.0	-1.0	1.5	3Q	74S175	74S175	LCC	C4	
			-4.0(0.10)/20.0(-1.0)			8.0					
NOP											
4F03-10(13)	\	TI	-2.0	0.5		IN	74S32	74S320	PDLCTL	D7	
3F23-11(14)	.1	TO	20.0	-1.0	4.2		74S00	74S000	CONTRL	D8	
3F22-03(06)	.1	TI	-2.0	0.5	.7		74S04	74S04	CONTRL	D8	
3F16-08	.1	TI	-0.20	0.2	1.5	IN4	741S244	741S244	SPY2	B8	
3F09-02(05)	.1	TI	-2.0	0.5	3.4	IN	74S32	74S320	CONTRL	A3	
3D05-15(17)	.1	TI	-2.0	0.5	3.6	2G	74S139	74S139	SOURCE	C1	
3D05-01(03)	.1	TI	-2.0	0.5	.8	1G	74S139	74S139	SOURCE	B1	
			-10.20(0.27)/20.0(-1.0)			21.7					
-NOP											
3E22-04(07)	.	TO	20.0	-1.0			74S04	74S04	CONTRL	D8	
3E07-05(08)	.1	TIS	-2.0	0.5	3.6		74S00	74S00	CONTRL	B3	
			-2.0(0.5)/20.0(-1.0)								
-NOP11											
3EJ1-19	.					CUM		CPINS	B4		
3E14-12(15)	.1	TIS	-2.0	0.5	4.1		74S08	74S080	CONTRL	D8	
			-2.0/0.0								
NOPA											
3F19-10(13)	.	TO	20.0	-1.0			74S04	74S04	VCTL2	D2	
3F18-03(06)	.1	TI	-2.0	0.5	.7		74S02	74S020	VCTL2	D2	
			-2.0(0.5)/20.0(-1.0)								
-NOPA											
3E23-13(18)	\	TIS	-2.0	0.5			74S00	74S000	CONTRL	D8	
3E14-11(14)	.1	TO	20.0	-1.0	2.5		74S08	74S080	CONTRL	D8	
3F07-02(05)	.1	TIS	-2.0	0.5	1.9		74S00	74S00	FLAG	A7	
3F11-12(15)	.1	TIS	-2.0	0.5	1.9		74S00	74S00	FLAG	A7	
3F19-11(14)	.1	TI	-2.0	0.5	2.1		74S04	74S04	VCTL2	D2	
			-8.0(0.20)/20.0(-1.0)			12.9					

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FFB-80 2105							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
LOC(PIN#)												
NPC0	4F05-18	i	TI	-0.25	0.5			D7	74S374	74S374	NPC	D2
	4F02-09(11)		TO	20.0	-1.0	2.1	OUT	74S153	74S153	NPC	C7	
				-0.25(0.5)/20.0(-1.0)								
NPC1	4E05-17	i	TI	-0.25	0.5			D6	74S374	74S374	NPC	D2
	4E02-07(09)		TO	20.0	-1.0	1.7	OUT	74S153	74S153	NPC	C7	
				-0.25(0.5)/20.0(-1.0)								
NPC10	4F02-09(11)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C2
	4E04-14		TI	-0.25	0.5	4.2	D5	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
NPC11	4F02-07(09)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C2
	4E04-13		TI	-0.25	0.5	3.9	D4	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
NPC12	4F01-09(11)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C1
	4E04-08		TI	-0.25	0.5	5.0	D3	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
NPC13	4F01-07(09)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C1
	4E04-07		TI	-0.25	0.5	4.7	D2	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
NPC2	4E05-14	i	TI	-0.25	0.5			D5	74S374	74S374	NPC	D2
	4E01-09(11)		TO	20.0	-1.0	2.5	OUT	74S153	74S153	NPC	C8	
				-0.25(0.5)/20.0(-1.0)								
NPC3	4F05-13	i	TI	-0.25	0.5			D4	74S374	74S374	NPC	D2
	4E01-07(09)		TO	20.0	-1.0	2.2	OUT	74S153	74S153	NPC	C8	
				-0.25(0.5)/20.0(-1.0)								
NPC4	4F05-09(11)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C5
	4E05-08		TI	-0.25	0.5	3.5	D3	74S374	74S374	NPC	D2	
				-0.25(0.5)/20.0(-1.0)								
NPC5	4F05-07(09)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C5
	4E05-07		TI	-0.25	0.5	3.2	D2	74S374	74S374	NPC	D2	
				-0.25(0.5)/20.0(-1.0)								
NPC6	4F04-09(11)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C4
	4E05-04		TI	-0.25	0.5	4.0	D1	74S374	74S374	NPC	D2	
				-0.25(0.5)/20.0(-1.0)								
NPC7	4F04-07(09)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C4
	4E05-03		TI	-0.25	0.5	3.7	D0	74S374	74S374	NPC	D2	
				-0.25(0.5)/20.0(-1.0)								
NPC8	4F03-09(11)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C3
	4E04-18		TI	-0.25	0.5	3.7	D7	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
NPC9	4F03-07(09)	i	TO	20.0	-1.0			OUT	74S153	74S153	NPC	C3
	4E04-17		TI	-0.25	0.5	3.4	D6	74S374	74S374	NPC	D1	
				-0.25(0.5)/20.0(-1.0)								
ORB0	3D30-03(05)	i	TI	-2.0	0.5			A	74S169	74S169	PDLPTR	C5
	3C26-18		TI	-0.25	0.5	.9	D7	74S374	74S374	L	B7	
	3D25-03(05)		TI	-2.0	0.5	1.4	D0	25S07	25S07	PDLPTR	D8	
	3D15-10(13)		TI	-2.0	0.5	2.4	IN	74S32	74S32W	IOR	B8	
	3C09-02(05)		TI	-2.0	0.5	3.3	IN	74S32	74S32W	IOR	D8	
	2D29-05(07)		TO	20.0	-1.0	4.9	OUT	74S151	74S151	MOD	D8	
	2C17-17		TI	-0.20	0.2	3.3	IN5	74LS244	74LS244	SPY1	D7	
	1C27-14(16)		TI	-2.0	0.5	6.2	D3A	25S09	25S09	LCC	D8	
	1C28-03(05)		TI	-2.0	0.5	1.2	IN1	74S258	74S258	VMS	B8	
	1C29-03(05)		TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B8	
					-14.45(0.42)/20.0(-1.0) 36.5							

OVERLOADED ____ 2

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC (PIN#)											
OB1	3D30-04(06)	.	TI	-2.0	0.5		B	74S169	74S169	PDLPTR	C5	
	3C20-17	.i	TI	-0.25	0.5	.9	D6	74S374	74S374	L	B7	
	3D25-04(06)	.i	TI	-2.0	0.5	1.4	D1	25S07	25S07	PDLPTR	D8	
	3D15-13(16)	.i	TI	-2.0	0.5	2.8	IN	74S32	74S32W	IOR	B8	
	3C09-05(08)	.i	TI	-2.0	0.5	3.1	IN	74S32	74S32W	IOR	D8	
	2D20-05(07)	.i	TO	20.0	-1.0	5.4	OUT	74S151	74S151	M00	D7	
	2C17-15	.i	TI	-0.20	0.2	3.4	IN6	74LS244	74LS244	SPY1	D7	
	1C27-11(13)	.i	TI	-2.0	0.5	6.1	D2A	25S09	25S09	ICC	D8	
	1C28-06(08)	.i	TI	-2.0	0.5	1.2	IN1	74S258	74S258	VMAS	B8	
	1C29-06(08)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B8	
					-14.45(0.42)/20.0(-1.0)		37.2				OVERLOADED	___ 2
OB10	3C27-14	.	TI	-0.25	0.5		D5	74S374	74S374	L	B5	
	3C07-10(13)	.i	TI	-2.0	0.5	4.7	IN	74S32	74S32W	IOR	D5	
	3D10-02(05)	.i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	B4	
	2C24-06(07)	.i	TO	20.0	-1.0	5.5	OUT	74S151	74S151	M00	B6	
	2C18-13	.i	TI	-0.20	0.2	1.7	IN7	74LS244	74LS244	SPY1	D5	
	1C26-10(12)	.i	TI	-2.0	0.5	6.3	IN1	74S258	74S258	MDS	B6	
	1D30-10(12)	.i	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMAS	B6	
	1D29-05(07)	.i	TI	-2.0	0.5	.7	C	74S169	74S169	LC	B6	
					-10.45(0.32)/20.0(-1.0)		30.4					
OB11	3C27-13	.	TI	-0.25	0.5		D4	74S374	74S374	L	B5	
	3D10-05(08)	.i	TI	-2.0	0.5	4.9	IN	74S32	74S32W	IOR	B4	
	3C07-13(16)	.i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D5	
	2C18-11	.i	TI	-0.20	0.2	5.9	IN8	74LS244	74LS244	SPY1	D5	
	2C19-05(07)	.i	TO	20.0	-1.0	1.3	OUT	74S151	74S151	M00	B6	
	1C26-13(15)	.i	TI	-2.0	0.5	6.7	IN1	74S258	74S258	MDS	B6	
	1D30-13(15)	.i	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMAS	B6	
	1D29-06(08)	.i	TI	-2.0	0.5	.7	D	74S169	74S169	LC	B6	
					-10.45(0.32)/20.0(-1.0)		31.0					
OB12	3C27-08	.	TI	-0.25	0.5		D3	74S374	74S374	L	B5	
	3D10-10(13)	.i	TI	-2.0	0.5	5.1	IN	74S32	74S32W	IOR	B4	
	3C06-02(05)	.i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	D4	
	2C18-08	.i	TI	-0.20	0.2	6.1	IN4	74LS244	74LS244	SPY1	D5	
	1C30-03(05)	.i	TI	-2.0	0.5	6.7	A	74S169	74S169	IC	B4	
	1B26-03(05)	.i	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMAS	B5	
	1B27-03(05)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B5	
	2A30-05(07)	.i	TO	20.0	-1.0	10.0	OUT	74S151	74S151	M00	B4	
					-10.45(0.32)/20.0(-1.0)		40.4					
OB13	3C27-07	.	TI	-0.25	0.5		D2	74S374	74S374	L	B5	
	3C06-05(08)	.i	TI	-2.0	0.5	4.8	IN	74S32	74S32W	IOR	D4	
	3D10-13(16)	.i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B4	
	2C18-06	.i	TI	-0.20	0.2	6.6	IN3	74LS244	74LS244	SPY1	D5	
	1C30-04(06)	.i	TI	-2.0	0.5	6.4	B	74S169	74S169	IC	B4	
	1B26-06(08)	.i	TI	-2.0	0.5	1.2	IN1	74S258	74S258	VMAS	B5	
	1B27-06(08)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B5	
	2A29-05(07)	.i	TO	20.0	-1.0	9.5	OUT	74S151	74S151	M00	B3	
					-10.45(0.32)/20.0(-1.0)		39.9					
OB14	3C27-04	.	TI	-0.25	0.5		D1	74S374	74S374	L	B5	
	3C06-10(13)	.i	TI	-2.0	0.5	4.5	IN	74S32	74S32W	IOR	D4	
	3D09-02(05)	.i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	B2	
	2C18-04	.i	TI	-0.20	0.2	6.8	IN2	74LS244	74LS244	SPY1	D5	
	1C30-05(07)	.i	TI	-2.0	0.5	6.1	C	74S169	74S169	LC	B4	
	1B26-10(12)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B5	
	1B27-10(12)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B5	
	2A25-05(07)	.i	TO	20.0	-1.0	8.9	OUT	74S151	74S151	M00	B2	
					-10.45(0.32)/20.0(-1.0)		38.5					

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2105						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
OB15	3C27-03	.	TI	-0.25	0.5		D0	74S374	74S374	L	B5
	3D00-05(08)	.i	TI	-2.0	0.5	4.7	IN	74S32	74S32W	IOR	B2
	3C06-13(16)	.i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D4
	2C18-02	.i	TI	-0.20	0.2	6.8	IN1	74LS244	74LS244	SPY1	D5
	1C30-06(08)	.i	TI	-2.0	0.5	5.8	D	74S169	74S169	LC	B4
	1B26-13(15)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B5
	1B27-13(15)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B5
	2A24-05(07)	.i	TO	20.0	-1.0	8.9	OUT	74S151	74S151	MO0	B1
					-10.45(0.32)/20.0(-1.0)		38.4				
OB16	3C28-18	.	TI	-0.25	0.5		D7	74S374	74S374	L	B3
	3C23-17	.i	TI	-0.20	0.2	1.4	IN5	74LS244	74LS244	SPY1	D4
	3C18-02(05)	.i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	D2
	3D09-10(13)	.i	TI	-2.0	0.5	3.8	IN	74S32	74S32W	IOR	B2
	2D19-05(07)	.i	TO	20.0	-1.0	6.5	OUT	74S151	74S151	MO1	D8
	1R28-03(05)	.i	TI	-2.0	0.5	8.3	A	74S169	74S169	LC	B3
	1R29-03(05)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B4
	1B30-03(05)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B4
					-10.45(0.32)/20.0(-1.0)		32.1				
OB17	3C28-17	.	TI	-0.25	0.5		D8	74S374	74S374	L	B3
	3C23-15	.i	TI	-0.20	0.2	1.3	IN6	74LS244	74LS244	SPY1	D4
	3C18-05(08)	.i	TI	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D2
	3D09-13(16)	.i	TI	-2.0	0.5	4.0	IN	74S32	74S32W	IOR	B2
	2D18-05(07)	.i	TO	20.0	-1.0	6.2	OUT	74S151	74S151	MO1	D7
	1B28-04(06)	.i	TI	-2.0	0.5	8.8	D	74S169	74S169	LC	B3
	1B29-06(08)	.i	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	B4
	1B30-06(08)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B4
					-10.45(0.32)/20.0(-1.0)		32.6				
OB18	3C28-14	.	TI	-0.25	0.5		D5	74S374	74S374	L	B3
	3C23-13	.i	TI	-0.20	0.2	1.4	IN7	74LS244	74LS244	SPY1	D4
	3C18-10(13)	.i	TI	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	D2
	3D08-02(05)	.i	TI	-2.0	0.5	3.9	IN	74S32	74S32W	IOR	B1
	2D14-05(07)	.i	TO	20.0	-1.0	7.3	OUT	74S151	74S151	MO1	D6
	1B28-05(07)	.i	TI	-2.0	0.5	7.3	C	74S169	74S169	LC	B3
	1B29-10(12)	.i	TI	-2.0	0.5	.7	IN1	74S258	74S258	VMAS	B4
	1B30-10(12)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B4
					-10.45(0.32)/20.0(-1.0)		32.0				
OB19	3C28-13	.	TI	-0.25	0.5		D4	74S374	74S374	L	B3
	3C23-11	.i	TI	-0.20	0.2	1.3	IN8	74LS244	74LS244	SPY1	D4
	3C18-13(16)	.i	TI	-2.0	0.5	2.0	IN	74S32	74S32W	IOR	D2
	3D08-05(08)	.i	TI	-2.0	0.5	3.5	IN	74S32	74S32W	IOR	B1
	2D13-05(07)	.i	TO	20.0	-1.0	7.5	OUT	74S151	74S151	MO1	D5
	1R28-06(08)	.i	TI	-2.0	0.5	7.6	D	74S169	74S169	LC	B3
	1R29-13(15)	.i	TI	-2.0	0.5	.7	IN1	74S258	74S258	VMAS	B4
	1B30-13(15)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B4
					-10.45(0.32)/20.0(-1.0)		32.5				
OB2	3C26-14	.	TI	-0.25	0.5		D5	74S374	74S374	L	B7
	3D30-05(07)	.i	TI	-2.0	0.5	.8	C	74S169	74S169	PDIPIR	C5
	3D25-06(08)	.i	TI	-2.0	0.5	1.4	D2	25S07	25S07	PDIPIR	D8
	3D14-02(05)	.i	TI	-2.0	0.5	3.0	IN	74S32	74S32W	IOR	B6
	3C09-10(13)	.i	TI	-2.0	0.5	3.0	IN	74S32	74S32W	IOR	D8
	2C30-05(07)	.i	TO	20.0	-1.0	4.3	OUT	74S151	74S151	MO0	D6
	2C17-13	.i	TI	-0.20	0.2	3.2	IN7	74LS244	74LS244	SPY1	D7
	1C29-10(12)	.i	TI	-2.0	0.5	6.3	IN1	74S258	74S258	MDS	B8
	1C28-10(12)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B8
	1C27-06(08)	.i	TI	-2.0	0.5	.7	D1A	25S09	25S09	LCC	D8
					-14.45(0.42)/20.0(-1.0)		35.6				

OVERLOADED 2

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC (PIN#)										
OB20	3C28-08	.1	TI	-0.25	0.5		D3	74S374	74S374	L	B3
	3C23-08	.1	TI	-0.20	0.2	1.5	IN4	74LS244	74LS244	SPY1	D4
	3C16-02(05)	.1	TI	-2.0	0.5	2.2	IN	74S32	74S32W	IOR	D1
	3D08-10(13)	.1	TI	-2.0	0.5	3.2	IN	74S32	74S32W	IOR	B1
	2B15-05(07)	.1	IO	20.0	-1.0	10.5	OUT	74S151	74S151	MO1	D4
	1A26-03(05)	.1	TI	-2.0	0.5	5.5	A	74S169	74S169	LC	B2
	1A27-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B3
	1A28-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B3
				-10.45(0.32)/20.0(-1.0) 33.7							
OB21	3C28-07	.1	TI	-0.25	0.5		D2	74S374	74S374	L	B3
	3C23-06	.1	TI	-0.20	0.2	1.6	IN3	74LS244	74LS244	SPY1	D4
	3C16-05(08)	.1	TI	-2.0	0.5	1.8	IN	74S32	74S32W	IOR	D1
	3D08-13(16)	.1	TI	-2.0	0.5	3.7	IN	74S32	74S32W	IOR	B1
	2B14-05(07)	.1	IO	20.0	-1.0	9.9	OUT	74S151	74S151	MO1	D3
	1A26-04(06)	.1	TI	-2.0	0.5	5.5	B	74S169	74S169	LC	B2
	1A27-06(08)	.1	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	B3
	1A28-06(08)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B3
				-10.45(0.32)/20.0(-1.0) 33.4							
OB22	3C28-04	.1	TI	-0.25	0.5		D1	74S374	74S374	L	B3
	3C23-04	.1	TI	-0.20	0.2	1.5	IN2	74LS244	74LS244	SPY1	D4
	3C16-10(13)	.1	TI	-2.0	0.5	1.9	IN	74S32	74S32W	IOR	D1
	2B10-05(07)	.1	IO	20.0	-1.0	12.2	OUT	74S151	74S151	MO1	D2
	1A28-10(12)	.1	TI	-2.0	0.5	4.2	IN1	74S258	74S258	MDS	B3
	1A27-10(12)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B3
	1A26-05(07)	.1	TI	-2.0	0.5	.7	C	74S169	74S169	LC	B2
				-8.45(0.27)/20.0(-1.0) 28.9							
OB23	3C28-03	.1	TI	-0.25	0.5		D0	74S374	74S374	L	B3
	3C23-02	.1	TI	-0.20	0.2	1.6	IN1	74LS244	74LS244	SPY1	D4
	3C16-13(16)	.1	TI	-2.0	0.5	2.0	IN	74S32	74S32W	IOR	D1
	2B09-05(07)	.1	IO	20.0	-1.0	11.8	OUT	74S151	74S151	MO1	D1
	1A26-06(08)	.1	TI	-2.0	0.5	4.2	D	74S169	74S169	LC	B2
	1A27-13(15)	.1	TI	-2.0	0.5	.7	IN1	74S258	74S258	VMAS	B3
	1A28-13(15)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B3
				-8.45(0.27)/20.0(-1.0) 28.7							
OB24	3C29-18	.1	TI	-0.25	0.5		D7	74S374	74S374	L	B1
	3C24-17	.1	TI	-0.20	0.2	1.4	IN5	74LS244	74LS244	SPY1	D2
	3D15-02(05)	.1	TI	-2.0	0.5	3.3	IN	74S32	74S32W	IOR	B8
	2C14-05(07)	.1	IO	20.0	-1.0	8.9	OUT	74S151	74S151	MO1	B8
	2B03-03(05)	.1	TI	-2.0	0.5	3.7	A	74S169	74S169	LC	B1
	2B04-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B2
	2B05-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B2
				-8.45(0.27)/20.0(-1.0) 26.6							
OB25	3C29-17	.1	TI	-0.25	0.5		D6	74S374	74S374	L	B1
	3C24-15	.1	TI	-0.20	0.2	1.3	IN6	74LS244	74LS244	SPY1	D2
	3D15-05(08)	.1	TI	-2.0	0.5	3.2	IN	74S32	74S32W	IOR	B8
	2D09-05(07)	.1	IO	20.0	-1.0	10.0	OUT	74S151	74S151	MO1	B7
	2B03-04(06)	.1	TI	-2.0	0.5	5.5	B	74S169	74S169	LC	B1
	2B04-06(08)	.1	TI	-2.0	0.5	1.0	IN1	74S258	74S258	VMAS	B2
	2B05-06(08)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B2
				-8.45(0.27)/20.0(-1.0) 29.4							
OB26	3C29-14	.1	TI	-0.25	0.5		D5	74S374	74S374	L	B1
	3C24-13	.1	TI	-0.20	0.2	1.4	IN7	74LS244	74LS244	SPY1	D2
	3E08-16	.1	TI	-0.36	0.2	7.4	13	25LS2519	25LS2519		
	2D04-05(07)	.1	IO	20.0	-1.0	10.4	OUT	74S151	74S151	MO1	B6
	2B04-10(12)	.1	TI	-2.0	0.5	5.6	IN1	74S258	74S258	VMAS	B2
	2B05-10(12)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B2
				-4.81(0.10)/20.0(-1.0) 31.7							

FLAG D2

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105									
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
	LOC(PIN#)												
OB27	3C29-13	.	TI	-0.25	0.5		D4	74S374	74S374	L	B1		
	3C24-11	.1	TI	-0.20	0.2	1.3	IN8	74LS244	74LS244	SPY1	D2		
	3F08-13	.1	TI	-0.36	0.2	7.3	I2	25LS2519		25LS2519		FLAG	D2
	2C09-05(07)	.1	TO	20.0	-1.0	11.0	OUT	74S151	74S151	MO1	B5		
	2B04-13(15)	.1	TI	-2.0	0.5	3.1	IN1	74S258	74S258	VMAS	B2		
	2B05-13(15)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B2		
					-4.81(0.19)/20.0(-1.0)		29.6						
OB28	3F08-04	.	TI	-0.36	0.2		I1	25LS2519		25LS2519		FLAG	D2
	3C29-08	.1	TI	-0.25	0.5	8.1	D3	74S374	74S374	L	B1		
	3C24-08	.1	TI	-0.20	0.2	1.5	IN4	74LS244	74LS244	SPY1	D2		
	2A15-05(07)	.1	TO	20.0	-1.0	12.7	OUT	74S151	74S151	MO1	B4		
	1A30-03(05)	.1	TI	-2.0	0.5	5.4	IN1	74S258	74S258	MDS	B1		
	1A29-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B1		
					-4.81(0.19)/20.0(-1.0)		34.6						
OB29	3F08-01	.	TI	-0.36	0.2		I0	25LS2519		25LS2519		FLAG	D2
	3C29-07	.1	TI	-0.25	0.5	8.2	D2	74S374	74S374	L	B1		
	3C24-06	.1	TI	-0.20	0.2	1.6	IN3	74LS244	74LS244	SPY1	D2		
	2A14-05(07)	.1	TO	20.0	-1.0	12.2	OUT	74S151	74S151	MO1	B3		
	1A29-06(08)	.1	TI	-2.0	0.5	5.1	IN1	74S258	74S258	VMAS	R1		
	1A30-06(08)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B1		
					-4.81(0.19)/20.0(-1.0)		34.0						
OB3	3C26-13	.	TI	-0.25	0.5		D4	74S374	74S374	L	B7		
	3D30-06(08)	.1	TI	-2.0	0.5	.8	D	74S169	74S169	PDI/PTR	C5		
	3D25-11(13)	.1	TI	-2.0	0.5	1.6	D3	25S07	25S07	PDI/PTR	D8		
	3D14-05(08)	.1	TI	-2.0	0.5	2.7	IN	74S32	74S32W	IOR	B6		
	3C09-13(16)	.1	TI	-2.0	0.5	3.2	IN	74S32	74S32W	IOR	D8		
	2C29-05(07)	.1	TO	20.0	-1.0	4.0	OUT	74S151	74S151	MO0	D5		
	2C17-11	.1	TI	-0.20	0.2	2.8	IN8	74LS244	74LS244	SPY1	D7		
	1C29-13(15)	.1	TI	-2.0	0.5	6.8	IN1	74S258	74S258	MDS	D8		
	1C28-13(15)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B8		
	1C27-03(05)	.1	TI	-2.0	0.5	.7	DOA	25S09	25S09	ICC	D8		
					-14.45(0.42)/20.0(-1.0)		35.5					OVERLOADED	2
	OB30	3C29-04	.1	TI	-0.25	0.5		D1	74S374	74S374	L	B1	
3C24-04		.1	TI	-0.20	0.2	1.5	IN2	74LS244	74LS244	SPY1	D2		
2A10-05(07)		.1	TO	20.0	-1.0	13.3	OUT	74S151	74S151	MO1	B2		
1A30-10(12)		.1	TI	-2.0	0.5	4.0	IN1	74S258	74S258	MDS	B1		
1A29-10(12)		.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B1		
					-4.45(0.17)/20.0(-1.0)		24.2						
OB31	3C29-03	.1	TI	-0.25	0.5		D0	74S374	74S374	L	B1		
	3C24-02	.1	TI	-0.20	0.2	1.6	IN1	74LS244	74LS244	SPY1	D2		
	2A09-05(07)	.1	TO	20.0	-1.0	12.9	OUT	74S151	74S151	MO1	B1		
	1A30-13(15)	.1	TI	-2.0	0.5	4.3	IN1	74S258	74S258	MDS	B1		
	1A29-13(15)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMAS	B1		
					-4.45(0.17)/20.0(-1.0)		24.2						
OB4	3C26-08	.	TI	-0.25	0.5		D3	74S374	74S374	L	B7		
	3D25-13(15)	.1	TI	-2.0	0.5	2.1	D4	25S07	25S07	PDI/PTR	D8		
	3D24-03(05)	.1	TI	-2.0	0.5	.7	A	74S169	74S169	PDI/PTR	C6		
	3D14-10(13)	.1	TI	-2.0	0.5	2.4	IN	74S32	74S32W	IOR	B6		
	3C08-02(05)	.1	TI	-2.0	0.5	3.3	IN	74S32	74S32W	IOR	D6		
	2B30-05(07)	.1	TO	20.0	-1.0	5.5	OUT	74S151	74S151	MO0	D4		
	2C17-08	.1	TI	-0.20	0.2	5.1	IN4	74LS244	74LS244	SPY1	D7		
	2C05-03(05)	.1	TI	-2.0	0.5	4.3	A	74S169	74S169	LC	B7		
	2B01-03(05)	.1	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMAS	B7		
	2B02-03(05)	.1	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B7		
					-14.45(0.42)/20.0(-1.0)		37.4					OVERLOADED	2

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
OB5	3C26-07	.	TI	-0.25	0.5		D2	74S374	74S374	L	B7	
	3D24-04(06)	.i	TI	-2.0	0.5	2.1	B	74S169	74S169	PDIPTIR	C6	
	3D25-14(16)	.i	TI	-2.0	0.5	.7	D5	25S07	25S07	PDIPTIR	D8	
	3D14-13(18)	.i	TI	-2.0	0.5	2.7	IN	74S32	74S32W	IOR	B6	
	3C08-05(08)	.i	TI	-2.0	0.5	3.1	IN	74S32	74S32W	IOR	D6	
	2B29-05(07)	.i	TO	20.0	-1.0	5.4	OUT	74S151	74S151	MOO	D3	
	2C17-06	.i	TI	-0.20	0.2	4.8	IN3	74S244	74S244	SPY1	D7	
	2C05-04(06)	.i	TI	-2.0	0.5	4.1	D	74S169	74S169	LC	B7	
	2B01-06(08)	.i	TI	-2.0	0.5	1.2	IN1	74S258	74S258	VMS	B7	
	2B02-06(08)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B7	
					-14.45(0.42)/20.0(-1.0)		37.0				OVERLOADED	___ 2
	OB6	3C22-03(05)	.	TI	-2.0	0.5		D0	25S07	25S07	PDIPTIR	D6
3C26-04		.i	TI	-0.25	0.5	1.6	D1	74S374	74S374	L	B7	
3D24-05(07)		.i	TI	-2.0	0.5	1.9	C	74S169	74S169	PDIPTIR	C6	
3D13-02(05)		.i	TI	-2.0	0.5	2.9	IN	74S32	74S32W	IOR	B5	
3C08-10(13)		.i	TI	-2.0	0.5	3.0	IN	74S32	74S32W	IOR	D6	
2B25-05(07)		.i	TO	20.0	-1.0	6.8	OUT	74S151	74S151	MOO	D2	
2C17-04		.i	TI	-0.20	0.2	4.9	IN2	74S244	74S244	SPY1	D7	
2C05-05(07)		.i	TI	-2.0	0.5	3.8	C	74S169	74S169	LC	B7	
2B01-10(12)		.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMS	B7	
2B02-10(12)		.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B7	
					-14.45(0.42)/20.0(-1.0)		38.7				OVERLOADED	___ 2
OB7		3C22-04(06)	.	TI	-2.0	0.5		D1	25S07	25S07	PDIPTIR	D6
	3C26-03	.i	TI	-0.25	0.5	1.4	D0	74S374	74S374	L	B7	
	3D24-06(08)	.i	TI	-2.0	0.5	1.8	D	74S169	74S169	PDIPTIR	C6	
	3D13-05(08)	.i	TI	-2.0	0.5	2.7	IN	74S32	74S32W	IOR	B5	
	3C08-13(16)	.i	TI	-2.0	0.5	3.2	IN	74S32	74S32W	IOR	D6	
	2B24-05(07)	.i	TO	20.0	-1.0	6.2	OUT	74S151	74S151	MOO	D1	
	2C17-02	.i	TI	-0.20	0.2	4.5	IN1	74S244	74S244	SPY1	D7	
	2C05-06(08)	.i	TI	-2.0	0.5	3.5	D	74S169	74S169	LC	B7	
	2B01-13(15)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	VMS	B7	
	2B02-13(15)	.i	TI	-2.0	0.5	.9	IN1	74S258	74S258	MDS	B7	
					-14.45(0.42)/20.0(-1.0)		37.1				OVERLOADED	___ 2
	OB8	3C27-18	.	TI	-0.25	0.5		D7	74S374	74S374	L	B5
3C22-06(08)		.i	TI	-2.0	0.5	1.1	D2	25S07	25S07	PDIPTIR	D6	
3C21-03(05)		.i	TI	-2.0	0.5	1.0	A	74S169	74S169	PDIPTIR	C8	
3D13-10(13)		.i	TI	-2.0	0.5	3.2	IN	74S32	74S32W	IOR	B5	
3C07-02(05)		.i	TI	-2.0	0.5	3.3	IN	74S32	74S32W	IOR	D5	
2B24-05(07)		.i	TO	20.0	-1.0	5.4	OUT	74S151	74S151	MOO	B8	
2C18-17		.i	TI	-0.20	0.2	2.8	IN5	74S244	74S244	SPY1	D5	
1C26-03(05)		.i	TI	-2.0	0.5	6.3	IN1	74S258	74S258	MDS	B6	
1D30-03(05)		.i	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMS	B6	
1D29-03(05)		.i	TI	-2.0	0.5	.9	A	74S169	74S169	LC	B6	
					-14.45(0.42)/20.0(-1.0)		37.1				OVERLOADED	___ 2
OB9		3C27-17	.	TI	-0.25	0.5		D6	74S374	74S374	L	B5
	3C22-11(13)	.i	TI	-2.0	0.5	1.1	D3	25S07	25S07	PDIPTIR	D6	
	3C21-04(06)	.i	TI	-2.0	0.5	.7	H	74S169	74S169	PDIPTIR	C8	
	3D13-13(16)	.i	TI	-2.0	0.5	3.5	IN	74S32	74S32W	IOR	B5	
	3C07-05(08)	.i	TI	-2.0	0.5	3.1	IN	74S32	74S32W	IOR	D5	
	2D23-05(07)	.i	TO	20.0	-1.0	5.8	OUT	74S151	74S151	MOO	B7	
	2C18-15	.i	TI	-0.20	0.2	3.1	IN6	74S244	74S244	SPY1	D5	
	1C26-06(08)	.i	TI	-2.0	0.5	6.2	IN1	74S258	74S258	MDS	B6	
	1D30-06(08)	.i	TI	-2.0	0.5	1.1	IN1	74S258	74S258	VMS	B6	
	1D29-04(06)	.i	TI	-2.0	0.5	1.0	B	74S169	74S169	LC	B6	
					-14.45(0.42)/20.0(-1.0)		37.6				OVERLOADED	___ 2
	OPCD	2FJ1-01	.					COM		CPINS	A1	
1E03-08		.i	TI	-0.40	0.5	7.4	IN4	74S241	74S241	OPCD	B8	
				-0.40/0.0								

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2105					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
OPC1	2FJ1-02 1E03-06	i	TI	-0.40	0.5	7.6	CON IN3	74S241	CPINS 74S241	A1 OPCD	B8
OPC10	2FJ1-11 1F04-04	i	TI	-0.40	0.5	7.6	CON IN2	74S241	CPINS 74S241	B1 OPCD	B4
OPC11	2FJ1-12 1F04-02	i	TI	-0.40	0.5	7.8	CON IN1	74S241	CPINS 74S241	B1 OPCD	B4
OPC12	2FJ1-13 1F03-08	i	TI	-0.40	0.5	7.2	CON IN4	74S241	CPINS 74S241	B1 OPCD	B2
OPC13	2FJ1-14 1F03-06	i	TI	-0.40	0.5	7.4	CON IN3	74S241	CPINS 74S241	B1 OPCD	B2
OPC2	2FJ1-03 1E03-04	i	TI	-0.40	0.5	7.9	CON IN2	74S241	CPINS 74S241	A1 OPCD	B8
OPC3	2FJ1-04 1E03-02	i	TI	-0.40	0.5	8.1	CON IN1	74S241	CPINS 74S241	A1 OPCD	B8
OPC4	2FJ1-05 1E01-08	i	TI	-0.40	0.5	7.3	CON IN4	74S241	CPINS 74S241	A1 OPCD	B6
OPC5	2FJ1-06 1E01-06	i	TI	-0.40	0.5	7.5	CON IN3	74S241	CPINS 74S241	A1 OPCD	B6
OPC6	2FJ1-07 1F01-04	i	TI	-0.40	0.5	7.7	CON IN2	74S241	CPINS 74S241	A1 OPCD	B6
OPC7	2FJ1-08 1F01-02	i	TI	-0.40	0.5	7.9	CON IN1	74S241	CPINS 74S241	A1 OPCD	B6
OPC8	2FJ1-09 1F04-08	i	TI	-0.40	0.5	7.2	CON IN4	74S241	CPINS 74S241	A1 OPCD	B4
OPC9	2FJ1-10 1F04-06	i	TI	-0.40	0.5	7.4	CON IN3	74S241	CPINS 74S241	A1 OPCD	B4
-OPCDRIVE											
	1F06-08(11)	\	TO	20.0	-1.0			74S00	74S00	OPCD	C2
	1I03-01	i	TI	-2.0	0.5	2.8	-ENB	74S241	74S241	OPCD	B8
	1F01-01	i	TI	-2.0	0.5	1.4	-ENB	74S241	74S241	OPCD	B6
	1F04-01	i	TI	-2.0	0.5	1.6	-ENB	74S241	74S241	OPCD	B4
	1F03-01	i	TI	-2.0	0.5	.9	-ENB	74S241	74S241	OPCD	B2
				-8.0(0.20)/20.0(-1.0)							11.2
OSFLOA											
	2D21-04(07)	\	TO	48.0	-2.40			7428	7428	ALUC4	C2
	2D18-10(12)	i	TI	-2.0	0.5	1.6	SEL1	74S151	74S151	MO1	D7
	2D19-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	D8
	2D13-10(12)	i	TI	-2.0	0.5	1.7	SEL1	74S151	74S151	MO1	D5
	2D14-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	D6
	2D09-10(12)	i	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	MO1	B7
	2D04-10(12)	i	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	MO1	B6
	2C09-10(12)	i	TI	-2.0	0.5	3.4	SEL1	74S151	74S151	MO1	B5
	2C14-10(12)	i	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	MO1	B8
	2B09-10(12)	i	TI	-2.0	0.5	3.4	SEL1	74S151	74S151	MO1	D1
	2B10-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	D2
	2B14-10(12)	i	TI	-2.0	0.5	1.7	SEL1	74S151	74S151	MO1	D3
	2B15-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	D4
	2A14-10(12)	i	TI	-2.0	0.5	2.8	SEL1	74S151	74S151	MO1	B3
	2A15-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	B4
	2A10-10(12)	i	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	MO1	B2
	2A09-10(12)	i	TI	-2.0	0.5	.9	SEL1	74S151	74S151	MO1	B1
				-32.0(0.80)/48.0(-2.40)		48.3					OVERLOADED

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
OSEL0B	2D21-13(16)	\	TO	48.0	-2.40			7428	7428	ALUC4	D2
	2D23-10(12)	.1	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	M00	B7
	2D28-10(12)	.1	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	M00	D7
	2D29-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	D8
	2D24-10(12)	.1	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	M00	B8
	2C10-10(12)	.1	TI	-2.0	0.5	3.4	SFL1	74S151	74S151	M00	B5
	2C24-10(12)	.1	TI	-2.0	0.5	1.5	SFL1	74S151	74S151	M00	B6
	2C29-10(12)	.1	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	M00	D5
	2C30-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	D6
	2B24-10(12)	.1	TI	-2.0	0.5	2.9	SFL1	74S151	74S151	M00	D1
	2B25-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	D2
	2B29-10(12)	.1	TI	-2.0	0.5	1.7	SEL1	74S151	74S151	M00	D3
	2B30-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	D4
	2A29-10(12)	.1	TI	-2.0	0.5	2.6	SEL1	74S151	74S151	M00	B3
	2A30-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	B4
	2A25-10(12)	.1	TI	-2.0	0.5	1.5	SEL1	74S151	74S151	M00	B2
	2A24-10(12)	.1	TI	-2.0	0.5	.9	SEL1	74S151	74S151	M00	B1
				-32.0(0.80)/48.0(-2.40)		47.5				OVERLOADED	2
OSFL1A	2D21-01(04)	\	TO	48.0	-2.40			7428	7428	AIUC4	C2
	2D18-09(11)	.1	TI	-2.0	0.5	1.3	SEL2	74S151	74S151	M01	D7
	2D19-09(11)	.1	TI	-2.0	0.5	.9	SFL2	74S151	74S151	M01	D8
	2D14-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M01	D6
	2D13-09(11)	.1	TI	-2.0	0.5	.9	SFL2	74S151	74S151	M01	D5
	2D09-09(11)	.1	TI	-2.0	0.5	1.7	SFL2	74S151	74S151	M01	B7
	2D04-09(11)	.1	TI	-2.0	0.5	1.5	SFL2	74S151	74S151	M01	B6
	2C09-09(11)	.1	TI	-2.0	0.5	3.4	SFL2	74S151	74S151	M01	B5
	2C14-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M01	B8
	2B09-09(11)	.1	TI	-2.0	0.5	3.4	SFL2	74S151	74S151	M01	D1
	2B10-09(11)	.1	TI	-2.0	0.5	.9	SFL2	74S151	74S151	M01	D2
	2B14-09(11)	.1	TI	-2.0	0.5	1.7	SEL2	74S151	74S151	M01	D3
	2B15-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M01	D4
	2A14-09(11)	.1	TI	-2.0	0.5	2.6	SFL2	74S151	74S151	M01	B3
	2A15-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M01	B4
	2A10-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M01	B2
	2A09-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M01	B1
				-32.0(0.80)/48.0(-2.40)		48.0				OVERLOADED	2
OSFL1B	2D21-10(13)	\	TO	48.0	-2.40			7428	7428	AIUC4	C2
	2D23-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M00	B7
	2D28-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M00	D7
	2D29-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M00	D8
	2D24-09(11)	.1	TI	-2.0	0.5	1.5	SFL2	74S151	74S151	M00	B8
	2C19-09(11)	.1	TI	-2.0	0.5	3.4	SFL2	74S151	74S151	M00	B5
	2C24-09(11)	.1	TI	-2.0	0.5	1.5	SFL2	74S151	74S151	M00	B6
	2C29-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M00	D5
	2C30-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M00	D6
	2B24-09(11)	.1	TI	-2.0	0.5	2.9	SFL2	74S151	74S151	M00	D1
	2B25-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M00	D2
	2B29-09(11)	.1	TI	-2.0	0.5	1.7	SEL2	74S151	74S151	M00	D3
	2B30-09(11)	.1	TI	-2.0	0.5	.9	SFL2	74S151	74S151	M00	D4
	2A29-09(11)	.1	TI	-2.0	0.5	2.6	SEL2	74S151	74S151	M00	B3
	2A30-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M00	B4
	2A25-09(11)	.1	TI	-2.0	0.5	1.5	SEL2	74S151	74S151	M00	B2
	2A24-09(11)	.1	TI	-2.0	0.5	.9	SEL2	74S151	74S151	M00	B1
				-32.0(0.80)/48.0(-2.40)		47.5				OVERLOADED	2
-PARFRR	3F18-12(15)	\	TI	-2.0	0.5			74S02	74S02	TRAP	D3
	3F18-09(12)	.1	TI	-2.0	0.5	.7		74S02	74S02	TRAP	D3
	3E30-06(09)	.1	TO	20.0	-1.0	5.0		74S20	74S20	TRAP	D3
				-4.0(0.10)/20.0(-1.0)		7.2					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
PC0	4F06-14(16)	\	TI	-2.0	0.5		D6	25S07	25S07	LPC	B4
	3F29-05(07)	.1	TI	-2.0	0.5	4.4	A0	74S283	74S283	NPC	D8
	4F05-19	.1	TOT	20.0	-6.50	4.0	Q7	74S374	74S374	NPC	D2
	4E09-02(04)	.1	TI	-2.0	0.5	1.8	IN0	74S157	74S157	LPC	D8
	4D02-02	.1	TI	-0.40	0.5	2.6	IN1	74S241	74S241	LPC	B8
				-6.40(0.20)/20.0(-6.50)		17.3					
PC0B	4EJ1-01	.1					CON		CPINS	A8	
	4D02-18	.1	TOT	64.0	-15.0	1.9	OUT1	74S241	74S241	LPC	B8
				0.0/64.0							
PC1	4F06-13(15)	\	TI	-2.0	0.5		D4	25S07	25S07	LPC	B4
	3F29-03(06)	.1	TI	-2.0	0.5	4.7	A1	74S283	74S283	NPC	D8
	4F05-16	.1	TOT	20.0	-6.50	4.3	Q6	74S374	74S374	NPC	D2
	4E09-05(07)	.1	TI	-2.0	0.5	1.8	IN0	74S157	74S157	LPC	D8
	4D02-04	.1	TI	-0.40	0.5	2.7	IN2	74S241	74S241	LPC	B8
				-6.40(0.20)/20.0(-6.50)		18.0					
PC10	3F27-14(16)	\	TI	-2.0	0.5		A2	74S283	74S283	NPC	D5
	4F07-04(06)	.1	TI	-2.0	0.5	4.3	D1	25S07	25S07	LPC	B3
	4F07-11(13)	.1	TI	-2.0	0.5	2.9	IN0	74S157	74S157	LPC	D4
	4E04-15	.1	TOT	20.0	-6.50	2.1	Q5	74S374	74S374	NPC	D1
	4D01-06	.1	TI	-0.40	0.5	1.9	IN3	74S241	74S241	LPC	B6
				-6.40(0.20)/20.0(-6.50)		15.7					
PC10B	4FJ1-11	.1					CON		CPINS	B8	
	4D01-14	.1	TOT	64.0	-15.0	2.5	OUT3	74S241	74S241	LPC	B6
				0.0/64.0							
PC11	4D01-08	\	TI	-0.40	0.5		IN4	74S241	74S241	LPC	B6
	4E04-12	.1	TOT	20.0	-6.50	2.0	Q4	74S374	74S374	NPC	D1
	4F07-14(16)	.1	TI	-2.0	0.5	1.7	IN0	74S157	74S157	LPC	D4
	4F07-03(05)	.1	TI	-2.0	0.5	2.8	D0	25S07	25S07	LPC	B3
	3F27-12(14)	.1	TI	-2.0	0.5	4.0	A3	74S283	74S283	NPC	D5
				-6.40(0.20)/20.0(-6.50)		15.0					
PC11B	4EJ1-12	.1					CON		CPINS	B8	
	4D01-12	.1	TOT	64.0	-15.0	2.7	OUT4	74S241	74S241	LPC	B6
				0.0/64.0							
PC12	4D01-11	\	TI	-0.40	0.5		IN8	74S241	74S241	LPC	B6
	4F04-09	.1	TOT	20.0	-6.50	1.4	Q3	74S374	74S374	NPC	D1
	4F06-07(04)	.1	TI	-2.0	0.5	2.1	IN0	74S157	74S157	LPC	D2
	4I08-14(16)	.1	TI	-2.0	0.5	2.5	D5	25S07	25S07	LPC	B1
	3F26-05(07)	.1	TI	-2.0	0.5	4.0	A0	74S283	74S283	NPC	D4
				-6.40(0.20)/20.0(-6.50)		14.5					
PC12B	4FJ1-13	.1					CON		CPINS	B8	
	4D01-09	.1	TOT	64.0	-15.0	3.0	OUT8	74S241	74S241	LPC	B6
				0.0/64.0							
PC13	3F26-03(05)	\	TI	-2.0	0.5		A1	74S283	74S283	NPC	D4
	4F08-13(15)	.1	TI	-2.0	0.5	4.3	D4	25S07	25S07	LPC	B1
	4F06-05(07)	.1	TI	-2.0	0.5	2.5	IN0	74S157	74S157	LPC	D2
	4E04-06	.1	TOT	20.0	-6.50	2.4	Q2	74S374	74S374	NPC	D1
	4D01-13	.1	TI	-0.40	0.5	1.4	IN7	74S241	74S241	LPC	B6
				-6.40(0.20)/20.0(-6.50)		15.1					
PC13B	4EJ1-14	.1					CON		CPINS	B8	
	4D01-07	.1	TOT	64.0	-15.0	3.0	OUT7	74S241	74S241	LPC	B6
				0.0/64.0							

CADR PROFESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105								
STGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
PC1B	4EJ1-02	i	TOT	64.0	-15.0	2.1	CON		CPINS	A8		
	4D02-16			0.0/64.0			OUT2	74S241	74S241	LPC	B8	
PC2	4D02-06	\	TI	-0.40	0.5		IN3	74S241	74S241	LPC	B8	
	4E05-15		TOT	20.0	-6.50	1.9	Q5	74S374	74S374	NPC	D2	
	4F09-11(13)		i	TI	-2.0	0.5	1.8	IN0	74S157	74S157	LPC	D8
	4F06-11(13)		i	TI	-2.0	0.5	4.6	D3	25S07	25S07	LPC	B4
	3F29-14(16)		i	TI	-2.0	0.5	4.7	A2	74S283	74S283	NPC	D8
				-6.40(0.20)/20.0(-6.50)		17.5						
PC2B	4FJ1-03	i	TOT	64.0	-16.0	2.3	CON		CPINS	A8		
	4D02-14			0.0/64.0			OUT3	74S241	74S241	LPC	B8	
PC3	4D02-08	\	TI	-0.40	0.5		IN4	74S241	74S241	LPC	B8	
	4E05-12		TOT	20.0	-6.50	2.0	Q4	74S374	74S374	NPC	D2	
	4E09-14(16)		i	TI	-2.0	0.5	1.3	IN0	74S157	74S157	LPC	D8
	4F06-06(08)		i	TI	-2.0	0.5	4.4	D2	25S07	25S07	LPC	B4
	3F29-12(14)		i	TI	-2.0	0.5	4.4	A3	74S283	74S283	NPC	D8
				-6.40(0.20)/20.0(-6.50)		16.6						
PC3B	4EJ1-04	i	TOT	64.0	-15.0	2.5	CON		CPINS	A8		
	4D02-12			0.0/64.0			OUT4	74S241	74S241	LPC	B8	
PC4	4D02-11	\	TI	-0.40	0.5		IN8	74S241	74S241	LPC	B8	
	4E05-09		TOT	20.0	-6.50	1.4	Q3	74S374	74S374	NPC	D2	
	4F08-02(04)		i	TI	-2.0	0.5	1.6	IN0	74S157	74S157	LPC	D6
	4F06-04(06)		i	TI	-2.0	0.5	4.2	D1	25S07	25S07	LPC	B4
	3F20-05(07)		i	TI	-2.0	0.5	4.2	A0	74S283	74S283	NPC	D7
				-6.40(0.20)/20.0(-6.50)		15.9						
PC4B	4EJ1-05	i	TOT	64.0	-15.0	2.8	CON		CPINS	A8		
	4D02-09			0.0/64.0			OUT8	74S241	74S241	LPC	B8	
PC5	4D02-13	\	TI	-0.40	0.5		IN7	74S241	74S241	LPC	B8	
	4E05-06		TOT	20.0	-6.50	1.4	Q2	74S374	74S374	NPC	D2	
	4F08-05(07)		i	TI	-2.0	0.5	2.0	IN0	74S157	74S157	LPC	D6
	4F06-03(05)		i	TI	-2.0	0.5	4.2	D0	25S07	25S07	LPC	B4
	3F28-03(05)		i	TI	-2.0	0.5	4.3	A1	74S283	74S283	NPC	D7
				-6.40(0.20)/20.0(-6.50)		16.4						
PC5B	4EJ1-06	i	TOT	64.0	-15.0	2.8	CON		CPINS	A8		
	4D02-07			0.0/64.0			OUT7	74S241	74S241	LPC	B8	
PC6	4D02-15	\	TI	-0.40	0.5		IN6	74S241	74S241	LPC	B8	
	4E05-05		TOT	20.0	-6.50	1.4	Q1	74S374	74S374	NPC	D2	
	4F08-11(13)		i	TI	-2.0	0.5	2.4	IN0	74S157	74S157	LPC	D6
	4F07-14(16)		i	TI	-2.0	0.5	3.7	D5	25S07	25S07	LPC	B3
	3F28-14(16)		i	TI	-2.0	0.5	4.2	A2	74S283	74S283	NPC	D7
				-6.40(0.20)/20.0(-6.50)		16.2						
PC6B	4EJ1-07	i	TOT	64.0	-15.0	2.7	CON		CPINS	A8		
	4D02-05			0.0/64.0			OUT6	74S241	74S241	LPC	B8	
PC7	4D02-17	\	TI	-0.40	0.5		IN5	74S241	74S241	LPC	B8	
	4E05-02		TOT	20.0	-6.50	1.4	Q0	74S374	74S374	NPC	D2	
	4E08-14(16)		i	TI	-2.0	0.5	2.4	IN0	74S157	74S157	LPC	D6
	4F07-13(15)		i	TI	-2.0	0.5	3.7	D4	25S07	25S07	LPC	B3
	3F28-12(14)		i	TI	-2.0	0.5	4.1	A3	74S283	74S283	NPC	D7
				-6.40(0.20)/20.0(-6.50)		16.1						

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2105							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
PC7B	4EJ1-08 4D02-03	i	TOT	64.0	-15.0	2.7	CON OUT5	74S241	CPINS 74S241	A8 LPC	B8
				-0.40 0.5							
				0.0/64.0							
PC8	4D01-02 4E04-19 4E07-02(04) 4F07-11(13) 3F27-05(07)	\ i i i i	TI TOT TI TI TI	-0.40 20.0 -2.0 -2.0 -2.0	0.5 -6.50 0.5 0.5 0.5	 1.9 1.9 3.5 4.3	IN1 Q7 IN0 D3 A0	74S241 74S374 74S157 25S07 74S283	74S241 74S374 74S157 25S07 74S283	LPC NPC LPC LPC NPC	B6 D1 D4 B3 D5
				-6.40(0.20)/20.0(-6.50)		16.1					
PC8B	4EJ1-09 4D01-18	i	TOT	64.0	-15.0	2.1	CON OUT1	74S241	CPINS 74S241	A8 LPC	B6
				-0.40 0.5							
				0.0/64.0							
PC9	3F27-03(05) 4F07-06(08) 4E07-05(07) 4F04-16 4D01-04	\ i i i i	TI TOT TI TI TI	-2.0 -2.0 -2.0 20.0 -0.40	0.5 0.5 0.5 -6.50 0.5	 4.4 3.2 1.9 2.0	A1 D2 IN0 Q6 IN2	74S283 25S07 74S157 74S374 74S241	74S283 25S07 74S157 74S374 74S241	NPC LPC LPC NPC LPC	D5 B3 D4 D1 B6
				-6.40(0.20)/20.0(-6.50)		16.0					
PC9B	4EJ1-10 4D01-18	i	TOT	64.0	-15.0	2.3	CON OUT2	74S241	CPINS 74S241	A8 LPC	B6
				-0.40 0.5							
				0.0/64.0							
PCCRY11	3F27-09(11) 3F26-07(09)	i i	TO TI	10.0 -2.0	-0.50 0.5	 .7	COUT CIN	74S283 74S283	74S283 74S283	NPC NPC	D5 D4
				-2.0(0.5)/10.0(-0.50)							
PCCRY3	3F29-09(11) 3F28-07(09)	i i	TO TI	10.0 -2.0	-0.50 0.5	 .7	COUT CIN	74S283 74S283	74S283 74S283	NPC NPC	D8 D7
				-2.0(0.5)/10.0(-0.50)							
PCCRY7	3F28-09(11) 3F27-07(09)	i i	TO TI	10.0 -2.0	-0.50 0.5	 .7	COUT CIN	74S283 74S283	74S283 74S283	NPC NPC	D7 D5
				-2.0(0.5)/10.0(-0.50)							
PC50	4F01-14(16) 4F02-14(16) 4F03-14(16) 4F04-14(16) 4F05-14(16) 4F01-14(16) 4F02-14(16) 3F30-08(11) 3E16-17	\ i i i i i i i i	TI TI TI TI TI TI TI TO TI	-2.0 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0 20.0 -0.20	0.5 0.5 0.6 0.5 0.5 0.5 0.5 -1.0 0.2	 .9 .9 .9 .9 1.1 .9 2.9 3.3	SF10 SF10 SF10 SF10 SF10 SF10 SF10 IN5 IN6	74S153 74S153 74S153 74S153 74S153 74S153 74S153 74S64 74LS244	74S153 74S153 74S153 74S153 74S153 74S153 74S153 74S64 74LS244	NPC NPC NPC NPC NPC NPC NPC CONTRL SPY2	C1 C2 C3 C4 C5 C6 C7 D4 B8
				-14.20(0.37)/20.0(-1.0)		22.3					OVERLOADED 2
PCS1	3E16-15 3E27-08(11) 4F02-02(04) 4F01-02(04) 4F05-02(04) 4F04-02(04) 4F03-02(04) 4F02-02(04) 4F01-02(04)	\ i i i i i i i i	TI TO TI TI TI TI TI TI TI	-0.20 20.0 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0	0.2 -1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5	 3.1 2.5 1.1 .9 .9 .9 .9	IN6 IN6 SEL1 SEL1 SEL1 SEL1 SEL1 SEL1 SEL1	74LS244 74S64 74S153 74S153 74S153 74S153 74S153 74S153 74S153	74LS244 74S64 74S153 74S153 74S153 74S153 74S153 74S153 74S153	SPY2 CONTRL NPC NPC NPC NPC NPC NPC NPC	B8 D3 C7 C6 C5 C4 C3 C2 C1
				-14.20(0.37)/20.0(-1.0)		21.7					OVERLOADED 2
PDLO	4C30-07(09) 4A04-18	i i	TOT TI	16.0 -0.25	-0.80 0.5	 8.1	D0 D7	93425A 74S373	93425A 74S373	PDL1 PLATCH	D8 D8
				-0.25(0.5)/16.0(-0.80)							

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2105						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC (PIN#)										
PDL1	4C29-07(09) 4A04-17	i	TOT TI	16.0 -0.25	-0.80 0.5	8.3	D0 D6	93425A 74S373	93425A 74S373	PDL1 PLATCH	D7 D8
				-0.25(0.5)/16.0(-0.80)							
PDL10	4C25-07(09) 4A02-14	i	TOT TI	16.0 -0.25	-0.80 0.5	8.3	D0 D5	93425A 74S373	93425A 74S373	PDL1 PLATCH	B6 D6
				-0.25(0.5)/16.0(-0.80)							
PDL11	4C24-07(09) 4A02-13	i	TOT TI	16.0 -0.25	-0.80 0.5	8.5	D0 D4	93425A 74S373	93425A 74S373	PDL1 PLATCH	B5 D6
				-0.25(0.5)/16.0(-0.80)							
PDL12	4C23-07(09) 4A02-08	i	TOT TI	16.0 -0.25	-0.80 0.5	7.1	D0 D3	93425A 74S373	93425A 74S373	PDL1 PLATCH	B4 D6
				-0.25(0.5)/16.0(-0.80)							
PDL13	4C21-07(09) 4A02-07	i	TOT TI	16.0 -0.25	-0.80 0.5	7.9	D0 D2	93425A 74S373	93425A 74S373	PDL1 PLATCH	B3 D6
				-0.25(0.5)/16.0(-0.80)							
PDL14	4D25-07(09) 4A02-04	i	TOT TI	16.0 -0.25	-0.80 0.5	8.9	D0 D1	93425A 74S373	93425A 74S373	PDL1 PLATCH	B2 D6
				-0.25(0.5)/16.0(-0.80)							
PDL15	4D23-07(09) 4A02-03	i	TOT TI	16.0 -0.25	-0.80 0.5	9.8	D0 D0	93425A 74S373	93425A 74S373	PDL1 PLATCH	B1 D6
				-0.25(0.5)/16.0(-0.80)							
PDL16	4D22-07(09) 4B05-18	i	TOT TI	16.0 -0.25	-0.80 0.5	9.0	D0 D7	93425A 74S373	93425A 74S373	PDLO PLATCH	D6 D5
				-0.25(0.5)/16.0(-0.80)							
PDL17	4D21-07(09) 4B05-17	i	TOT TI	16.0 -0.25	-0.80 0.5	9.3	D0 D6	93425A 74S373	93425A 74S373	PDLO PLATCH	D7 D5
				-0.25(0.5)/16.0(-0.80)							
PDL18	4C20-07(09) 4B05-14	i	TOT TI	16.0 -0.25	-0.80 0.5	4.7	D0 D5	93425A 74S373	93425A 74S373	PDLO PLATCH	D6 D5
				-0.25(0.5)/16.0(-0.80)							
PDL19	4C19-07(09) 4B05-13	i	TOT TI	16.0 -0.25	-0.80 0.5	4.9	D0 D4	93425A 74S373	93425A 74S373	PDLO PLATCH	D5 D6
				-0.25(0.5)/16.0(-0.80)							
PDL2	4C28-07(09) 4A04-14	i	TOT TI	16.0 -0.25	-0.80 0.5	8.4	D0 D6	93425A 74S373	93425A 74S373	PDL1 PLATCH	D6 D6
				-0.25(0.5)/16.0(-0.80)							
PDL20	4C18-07(09) 4B05-08	i	TOT TI	16.0 -0.25	-0.80 0.5	5.5	D0 D3	93425A 74S373	93425A 74S373	PDLO PLATCH	D4 D5
				-0.25(0.5)/16.0(-0.80)							
PDL21	4C17-07(09) 4B05-07	i	TOT TI	16.0 -0.25	-0.80 0.5	5.9	D0 D2	93425A 74S373	93425A 74S373	PDLO PLATCH	D4 D5
				-0.25(0.5)/16.0(-0.80)							
PDL22	4D19-07(09) 4B05-04	i	TOT TI	16.0 -0.25	-0.80 0.5	7.5	D0 D1	93425A 74S373	93425A 74S373	PDLO PLATCH	D3 D5
				-0.25(0.5)/16.0(-0.80)							
PDL23	4D18-07(09) 4B05-03	i	TOT TI	16.0 -0.25	-0.80 0.5	7.9	D0 D0	93425A 74S373	93425A 74S373	PDLO PLATCH	D2 D5
				-0.25(0.5)/16.0(-0.80)							

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2105							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHFS	USE	DIPTYPE	BODY	FILE	POS
LOC(PIN#)											
PDL24	4D17-07(09) 4B03-18	i	TOT TI	16.0 -0.25	-0.80 0.5	7.3	D0 D7	93425A 74S373	93425A 74S373	PDL0 PLATCH	B8 D3
				-0.25(0.5)/16.0(-0.80)							
PDL25	4D16-07(09) 4B03-17	i	TOT TI	16.0 -0.25	-0.80 0.5	7.6	D0 D6	93425A 74S373	93425A 74S373	PDL0 PLATCH	B7 D3
				-0.25(0.5)/16.0(-0.80)							
PDL26	4C15-07(09) 4B03-14	i	TOT TI	16.0 -0.25	-0.80 0.5	3.2	D0 D5	93425A 74S373	93425A 74S373	PDL0 PLATCH	B6 D3
				-0.25(0.5)/16.0(-0.80)							
PDL27	4C14-07(09) 4B03-13	i	TOT TI	16.0 -0.25	-0.80 0.5	3.4	D0 D4	93425A 74S373	93425A 74S373	PDL0 PLATCH	B5 D3
				-0.25(0.5)/16.0(-0.80)							
PDL28	4C13-07(09) 4B03-08	i	TOT TI	16.0 -0.25	-0.80 0.5	4.0	D0 D3	93425A 74S373	93425A 74S373	PDL0 PLATCH	B4 D3
				-0.25(0.5)/16.0(-0.80)							
PDL29	4D13-07(09) 4B03-07	i	TOT TI	16.0 -0.25	-0.80 0.5	6.4	D0 D2	93425A 74S373	93425A 74S373	PDL0 PLATCH	B4 D3
				-0.25(0.5)/16.0(-0.80)							
PDL3	4C27-07(09) 4A04-13	i	TOT TI	16.0 -0.25	-0.80 0.5	9.0	D0 D4	93425A 74S373	93425A 74S373	PDL1 PLATCH	D5 D8
				-0.25(0.5)/16.0(-0.80)							
PDL30	4D12-07(09) 4B03-04	i	TOT TI	16.0 -0.25	-0.80 0.5	6.9	D0 D1	93425A 74S373	93425A 74S373	PDL0 PLATCH	B3 D3
				-0.25(0.5)/16.0(-0.80)							
PDL31	4D11-07(09) 4B03-03	i	TOT TI	16.0 -0.25	-0.80 0.5	7.4	D0 D0	93425A 74S373	93425A 74S373	PDL0 PLATCH	B2 D3
				-0.25(0.5)/16.0(-0.80)							
PDL4	4C26-07(09) 4A04-08	i	TOT TI	16.0 -0.25	-0.80 0.5	9.0	D0 D3	93425A 74S373	93425A 74S373	PDL1 PLATCH	D4 D8
				-0.25(0.5)/16.0(-0.80)							
PDL5	4D30-07(09) 4A04-07	i	TOT TI	16.0 -0.25	-0.80 0.5	10.2	D0 D2	93425A 74S373	93425A 74S373	PDL1 PLATCH	D3 D8
				-0.25(0.5)/16.0(-0.80)							
PDL6	4D29-07(09) 4A04-04	i	TOT TI	16.0 -0.25	-0.80 0.5	10.8	D0 D1	93425A 74S373	93425A 74S373	PDL1 PLATCH	D2 D8
				-0.25(0.5)/16.0(-0.80)							
PDL7	4D28-07(09) 4A04-03	i	TOT TI	16.0 -0.25	-0.80 0.5	11.2	D0 D0	93425A 74S373	93425A 74S373	PDL1 PLATCH	D1 D8
				-0.25(0.5)/16.0(-0.80)							
PDL8	4D27-07(09) 4A02-18	i	TOT TI	16.0 -0.25	-0.80 0.5	10.6	D0 D7	93425A 74S373	93425A 74S373	PDL1 PLATCH	B8 D6
				-0.25(0.5)/16.0(-0.80)							
PDL9	4D26-07(09) 4A02-17	i	TOT TI	16.0 -0.25	-0.80 0.5	10.9	D0 D6	93425A 74S373	93425A 74S373	PDL1 PLATCH	B7 D6
				-0.25(0.5)/16.0(-0.80)							
-PDLA0A	4D23-02(04)	i	TI	-0.40	0.2		A0	93425A	93425A	PDL1	B1
	4D25-02(04)	i	TI	-0.40	0.2	1.4	A0	93425A	93425A	PDL1	B2
	4C16-09(11)	i	TOT	20.0	-1.0	1.1	-OUT	74S258	74S258	PDLCTL	B4
	4C21-02(04)	i	TI	-0.40	0.2	1.0	A0	93425A	93425A	PDL1	B3
	4C23-02(04)	i	TI	-0.40	0.2	1.4	A0	93425A	93425A	PDL1	B4
	4C24-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	B5
	4C25-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	B6
	4C30-02(04)	i	TI	-0.40	0.2	1.5	A0	93425A	93425A	PDL1	D8
	4C29-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D7
	4C28-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D6
	4C27-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D5
	4C26-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D4
	4D30-02(04)	i	TI	-0.40	0.2	1.1	A0	93425A	93425A	PDL1	D3
	4D29-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D2
	4D28-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	D1
	4D27-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	B8
	4D26-02(04)	i	TI	-0.40	0.2	.9	A0	93425A	93425A	PDL1	B7
				-6.40(0.32)/20.0(-1.0) 39.0							

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-PDLA0B	4D13-02(04)	.	TI	-0.40	0.2		A0	93425A	93425A	PD10	B4	
	4D12-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	B3	
	4D11-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	B2	
	4D16-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	PD10	B7	
	4D21-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	PD10	D7	
	4D22-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D8	
	4D17-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	PD10	B8	
	4D18-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D2	
	4D19-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D3	
	4C17-02(04)	.1	TI	-0.40	0.2	2.1	A0	93425A	93425A	PD10	D4	
	4C18-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D4	
	4C19-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D5	
	4C20-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	D6	
	4C12-04(06)	.1	TOT	20.0	-1.0	2.2	-OUT	745258	745258	PD1CTL	B7	
	4C13-02(04)	.1	TI	-0.40	0.2	1.0	A0	93425A	93425A	PD10	B4	
	4C14-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	B5	
	4C15-02(04)	.1	TI	-0.40	0.2	.9	A0	93425A	93425A	PD10	B6	
	4C10-02(04)	.1	TI	-0.40	0.2	1.5	A0	93425A	93425A	PD10	B1	
	-6.80(0.34)/20.0(-1.0) 44.3											
	-PDLA1A	4D23-03(05)	.1	TI	-0.40	0.2		A1	93425A	93425A	PD11	B1
4D25-03(05)		.1	TI	-0.40	0.2	1.4	A1	93425A	93425A	PD11	B2	
4C16-12(14)		.1	TOT	20.0	-1.0	1.4	-OUT	745258	745258	PD1CTL	B4	
4C21-03(05)		.1	TI	-0.40	0.2	1.4	A1	93425A	93425A	PD11	B3	
4C23-03(05)		.1	TI	-0.40	0.2	1.4	A1	93425A	93425A	PD11	B4	
4C24-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	B5	
4C25-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	B6	
4C30-03(05)		.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	PD11	D8	
4C29-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D7	
4C28-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D6	
4C27-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D5	
4C26-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D4	
4D30-03(05)		.1	TI	-0.40	0.2	1.1	A1	93425A	93425A	PD11	D3	
4D29-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D2	
4D28-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	D1	
4D27-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	H8	
4D26-03(05)		.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD11	B7	
-6.40(0.32)/20.0(-1.0) 39.7												
-PDLA1B		4D13-03(05)	.	TI	-0.40	0.2		A1	93425A	93425A	PD10	B4
		4D12-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	B3
	4D11-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	B2	
	4D16-03(05)	.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	PD10	B7	
	4D21-03(05)	.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	PD10	D7	
	4D22-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	H8	
	4D17-03(05)	.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	PD10	H8	
	4D18-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	D2	
	4D19-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	D3	
	4C17-03(05)	.1	TI	-0.40	0.2	2.1	A1	93425A	93425A	PD10	D4	
	4C18-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	D4	
	4C19-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	D5	
	4C20-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	D6	
	4C12-07(09)	.1	TOT	20.0	-1.0	2.1	-OUT	745258	745258	PD1CTL	B7	
	4C13-03(05)	.1	TI	-0.40	0.2	1.1	A1	93425A	93425A	PD10	B4	
	4C14-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	B5	
	4C15-03(05)	.1	TI	-0.40	0.2	.9	A1	93425A	93425A	PD10	B6	
	4C10-03(05)	.1	TI	-0.40	0.2	1.5	A1	93425A	93425A	PD10	B1	
	-6.80(0.34)/20.0(-1.0) 44.3											
	-PDLA2A	4D23-04(06)	.1	TI	-0.40	0.2		A2	93425A	93425A	PD11	B1
4D25-04(06)		.1	TI	-0.40	0.2	1.4	A2	93425A	93425A	PD11	B2	
4C21-04(06)		.1	TI	-0.40	0.2	1.1	A2	93425A	93425A	PD11	B3	
4C22-04(06)		.1	TOT	20.0	-1.0	.9	-OUT	745258	745258	PD1CTL	B3	
4C23-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	B4	
4C24-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	B5	
4C25-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	B6	
4C30-04(06)		.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	PD11	D8	
4C29-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D7	
4C28-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D6	
4C27-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D5	
4C26-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D4	
4D30-04(06)		.1	TI	-0.40	0.2	1.1	A2	93425A	93425A	PD11	D3	
4D29-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D2	
4D28-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	D1	
4D27-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	H8	
4D26-04(06)		.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PD11	B7	
-6.40(0.32)/20.0(-1.0) 38.4												

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2106						
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-PDIA2B	4D13-04(06)	.	TI	-0.40	0.2		A2	93425A	93425A	PDL0	B4	
	4D12-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	B3	
	4D11-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	B2	
	4D16-04(06)	.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	PDL0	B7	
	4D21-04(06)	.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	PDL0	D7	
	4D22-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D8	
	4D17-04(06)	.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	PDL0	B8	
	4D18-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D2	
	4D19-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D3	
	4C12-09(11)	.1	TOT	20.0	-1.0	2.0	-OUT		74S258	74S258	PDLCTL	B7
	4C17-04(06)	.1	TI	-0.40	0.2	1.2	A2	93425A	93425A	PDL0	D4	
	4C18-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D4	
	4C19-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D5	
	4C20-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	D6	
	4C13-04(06)	.1	TI	-0.40	0.2	1.9	A2	93425A	93425A	PDL0	B4	
	4C14-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	B5	
	4C15-04(06)	.1	TI	-0.40	0.2	.9	A2	93425A	93425A	PDL0	B6	
	4C10-04(06)	.1	TI	-0.40	0.2	1.5	A2	93425A	93425A	PDL0	B1	
					-6.80(0.34)/20.0(-1.0)		44.1					
	-PDIA3A	4D23-05(07)	.1	TI	-0.40	0.2		A3	93425A	93425A	PDL1	B1
4D25-05(07)		.1	TI	-0.40	0.2	1.4	A3	93425A	93425A	PDL1	B2	
4C21-05(07)		.1	TI	-0.40	0.2	1.1	A3	93425A	93425A	PDL1	B3	
4C22-07(09)		.1	TOT	20.0	-1.0	1.0	-OUT		74S258	74S258	PDLCTL	B3
4C23-05(07)		.1	TI	-0.40	0.2	1.0	A3	93425A	93425A	PDL1	B4	
4C24-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	B5	
4C25-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	B6	
4C30-05(07)		.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	PDL1	D8	
4C29-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D7	
4C28-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D6	
4C27-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D5	
4C26-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D4	
4D30-05(07)		.1	TI	-0.40	0.2	1.1	A3	93425A	93425A	PDL1	D3	
4D29-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D2	
4D28-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	D1	
4D27-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	B8	
4D26-05(07)		.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL1	B7	
				-6.40(0.32)/20.0(-1.0)		38.6						
-PDIA3B	4D13-05(07)	.	TI	-0.40	0.2		A3	93425A	93425A	PDL0	B4	
	4D12-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	B3	
	4D11-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	B2	
	4D16-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	PDL0	B7	
	4D21-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	PDL0	D7	
	4D22-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D8	
	4D17-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	PDL0	B8	
	4D18-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D2	
	4D19-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D3	
	4C12-12(14)	.1	TOT	20.0	-1.0	2.2	-OUT		74S258	74S258	PDLCTL	B7
	4C17-05(07)	.1	TI	-0.40	0.2	1.6	A3	93425A	93425A	PDL0	D4	
	4C18-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D4	
	4C19-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D5	
	4C20-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	D6	
	4C13-05(07)	.1	TI	-0.40	0.2	1.9	A3	93425A	93425A	PDL0	B4	
	4C14-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	B5	
	4C15-05(07)	.1	TI	-0.40	0.2	.9	A3	93425A	93425A	PDL0	B6	
4C10-05(07)	.1	TI	-0.40	0.2	1.5	A3	93425A	93425A	PDL0	B1		
				-6.80(0.34)/20.0(-1.0)		44.7						
-PDIA4A	4D23-06(08)	.1	TI	-0.40	0.2		A4	93425A	93425A	PDL1	B1	
	4D25-06(08)	.1	TI	-0.40	0.2	1.4	A4	93425A	93425A	PDL1	B2	
	4C21-06(08)	.1	TI	-0.40	0.2	1.1	A4	93425A	93425A	PDL1	B3	
	4C22-09(11)	.1	TOT	20.0	-1.0	.7	-OUT		74S258	74S258	PDLCTL	B3
	4C23-06(08)	.1	TI	-0.40	0.2	1.3	A4	93425A	93425A	PDL1	B4	
	4C24-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	B5	
	4C25-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	B6	
	4C30-06(08)	.1	TI	-0.40	0.2	1.5	A4	93425A	93425A	PDL1	D8	
	4C29-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D7	
	4C28-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D6	
	4C27-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D5	
	4C26-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D4	
	4D30-06(08)	.1	TI	-0.40	0.2	1.1	A4	93425A	93425A	PDL1	D3	
	4D29-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D2	
	4D28-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	D1	
	4D27-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	B8	
	4D26-06(08)	.1	TI	-0.40	0.2	.9	A4	93425A	93425A	PDL1	B7	
				-6.40(0.32)/20.0(-1.0)		38.6						

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PDLA4R	4D14-04(06)	.	TOT	20.0	-1.0		-OUT	74S258	74S258	PDI CTL	B6
	4D13-06(08)	.1	II	-0.40	0.2	1.0	A4	93425A	93425A	PDI 0	B4
	4D12-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	B3
	4D11-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	B2
	4D16-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	PDI 0	B7
	4D21-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	PDI 0	D7
	4D22-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D8
	4D17-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	PDI 0	B8
	4D18-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D2
	4D19-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D3
	4C17-06(08)	.1	II	-0.40	0.2	2.1	A4	93425A	93425A	PDI 0	D4
	4C18-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D4
	4C19-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D5
	4C20-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	D6
	4C13-06(08)	.1	II	-0.40	0.2	1.9	A4	93425A	93425A	PDI 0	B4
	4C14-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	B5
	4C15-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	PDI 0	B6
	4C10-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	PDI 0	B1
				-6.80(0.34)/20.0(-1.0)		44.0					
-PDLA5A	4D23-09(11)	.1	II	-0.40	0.2		A5	93425A	93425A	PDI 1	B1
	4D25-09(11)	.1	II	-0.40	0.2	1.4	A5	93425A	93425A	PDI 1	B2
	4C21-09(11)	.1	II	-0.40	0.2	1.1	A5	93425A	93425A	PDI 1	B3
	4C22-12(14)	.1	TOT	20.0	-1.0	1.0	-OUT	74S258	74S258	PDI CTL	B3
	4C23-09(11)	.1	II	-0.40	0.2	1.0	A5	93425A	93425A	PDI 1	B4
	4C24-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	B5
	4C25-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	B6
	4C30-09(11)	.1	II	-0.40	0.2	1.5	A5	93425A	93425A	PDI 1	D8
	4C29-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D7
	4C28-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D6
	4C27-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D5
	4C26-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D4
	4D30-09(11)	.1	II	-0.40	0.2	1.1	A5	93425A	93425A	PDI 1	D3
	4D29-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D2
	4D28-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	D1
	4D27-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	B8
	4D26-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 1	B7
				-6.40(0.32)/20.0(-1.0)		38.6					
-PDLA5B	4D14-07(09)	.	TOT	20.0	-1.0		-OUT	74S258	74S258	PDI CTL	B6
	4D13-09(11)	.1	II	-0.40	0.2	1.3	A5	93425A	93425A	PDI 0	B4
	4D12-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	B3
	4D11-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	B2
	4D16-09(11)	.1	II	-0.40	0.2	1.5	A5	93425A	93425A	PDI 0	B7
	4D21-09(11)	.1	II	-0.40	0.2	1.5	A5	93425A	93425A	PDI 0	D7
	4D22-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D8
	4D17-09(11)	.1	II	-0.40	0.2	1.5	A5	93425A	93425A	PDI 0	B8
	4D18-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D2
	4D19-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D3
	4C17-09(11)	.1	II	-0.40	0.2	2.1	A5	93425A	93425A	PDI 0	D4
	4C18-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D4
	4C19-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D5
	4C20-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	D6
	4C13-09(11)	.1	II	-0.40	0.2	1.9	A5	93425A	93425A	PDI 0	B4
	4C14-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	B5
	4C15-09(11)	.1	II	-0.40	0.2	.9	A5	93425A	93425A	PDI 0	B6
	4C10-09(11)	.1	II	-0.40	0.2	1.5	A5	93425A	93425A	PDI 0	B1
				-6.30(0.34)/20.0(-1.0)		44.3					
-PDLA6A	4D26-10(12)	.1	II	-0.40	0.2		A6	93425A	93425A	PDI 1	B7
	4D27-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	B8
	4D28-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D1
	4D29-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D2
	4D30-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D3
	4C26-10(12)	.1	II	-0.40	0.2	1.1	A6	93425A	93425A	PDI 1	D4
	4C27-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D6
	4C28-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D6
	4C29-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D7
	4C30-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	D8
	4C25-10(12)	.1	II	-0.40	0.2	1.5	A6	93425A	93425A	PDI 1	B6
	4C24-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	B6
	4C23-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	PDI 1	B4
	4C21-10(12)	.1	II	-0.40	0.2	1.4	A6	93425A	93425A	PDI 1	B3
	4D25-10(12)	.1	II	-0.40	0.2	1.1	A6	93425A	93425A	PDI 1	B2
	4D24-04(06)	.1	TOT	20.0	-1.0	.8	-OUT	74S258	74S258	PDI CTL	B1
	4D23-10(12)	.1	II	-0.40	0.2	1.3	A6	93425A	93425A	PDI 1	B1
				-6.40(0.32)/20.0(-1.0)		38.7					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PDLA6B	4D14-09(11)	.	TOT	20.0	-1.0		-OUT	74S258	74S258	PDLCTL	B6
	4D13-10(12)	.i	TI	-0.40	0.2	1.0	A6	93425A	93425A	PDL0	B4
	4D12-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	B3
	4D11-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	B2
	4D16-10(12)	.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	PDL0	B7
	4D21-10(12)	.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	PDL0	D7
	4D22-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D8
	4D17-10(12)	.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	PDL0	B8
	4D18-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D2
	4D19-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D3
	4C17-10(12)	.i	TI	-0.40	0.2	2.1	A6	93425A	93425A	PDL0	D4
	4C18-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D4
	4C19-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D5
	4C20-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	D6
	4C13-10(12)	.i	TI	-0.40	0.2	1.9	A6	93425A	93425A	PDL0	B4
	4C14-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	B5
	4C15-10(12)	.i	TI	-0.40	0.2	.9	A6	93425A	93425A	PDL0	B6
	4C10-10(12)	.i	TI	-0.40	0.2	1.5	A6	93425A	93425A	PDL0	B1
				-6.80(0.34)/20.0(-1.0)		44.0					
-PDLA7A	4D23-11(13)	\	TI	-0.40	0.2		A7	93425A	93425A	PDL1	B1
	4D24-07(09)	.i	TOT	20.0	-1.0	1.3	-OUT	74S258	74S258	PDLCTL	B1
	4D25-11(13)	.i	TI	-0.40	0.2	.7	A7	93425A	93425A	PDL1	B2
	4C21-11(13)	.i	TI	-0.40	0.2	1.1	A7	93425A	93425A	PDL1	B3
	4C23-11(13)	.i	TI	-0.40	0.2	1.4	A7	93425A	93425A	PDL1	B4
	4C24-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	B5
	4C25-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	B6
	4C30-11(13)	.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	PDL1	D8
	4C29-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D7
	4C28-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D6
	4C27-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D5
	4C26-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D4
	4D30-11(13)	.i	TI	-0.40	0.2	1.1	A7	93425A	93425A	PDL1	D3
	4D29-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D2
	4D28-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	D1
	4D27-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	B8
	4D26-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL1	B7
				-6.40(0.32)/20.0(-1.0)		38.6					
-PDLA7B	4D14-12(14)	.	TOT	20.0	-1.0		-OUT	74S258	74S258	PDLCTL	B6
	4D13-11(13)	.i	TI	-0.40	0.2	1.0	A7	93425A	93425A	PDL0	B4
	4D12-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	B3
	4D11-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	B2
	4D16-11(13)	.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	PDL0	B7
	4D21-11(13)	.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	PDL0	D7
	4D22-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D8
	4D17-11(13)	.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	PDL0	B8
	4D18-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D2
	4D19-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D3
	4C17-11(13)	.i	TI	-0.40	0.2	2.1	A7	93425A	93425A	PDL0	D4
	4C18-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D4
	4C19-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D5
	4C20-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	D6
	4C13-11(13)	.i	TI	-0.40	0.2	1.9	A7	93425A	93425A	PDL0	B4
	4C14-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	B5
	4C15-11(13)	.i	TI	-0.40	0.2	.9	A7	93425A	93425A	PDL0	B6
	4C10-11(13)	.i	TI	-0.40	0.2	1.5	A7	93425A	93425A	PDL0	B1
				-6.80(0.34)/20.0(-1.0)		44.0					
-PDLA8A	4D26-12(14)	\	TI	-0.40	0.2		A8	93425A	93425A	PDL1	B7
	4D27-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	B8
	4D28-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D1
	4D29-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D2
	4D30-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D3
	4C26-12(14)	.i	TI	-0.40	0.2	1.1	A8	93425A	93425A	PDL1	D4
	4C27-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D5
	4C28-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D6
	4C29-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D7
	4C30-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	D8
	4C25-12(14)	.i	TI	-0.40	0.2	1.5	A8	93425A	93425A	PDL1	B6
	4C24-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	B5
	4C23-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDL1	B4
	4C21-12(14)	.i	TI	-0.40	0.2	1.4	A8	93425A	93425A	PDL1	B3
	4D25-12(14)	.i	TI	-0.40	0.2	1.1	A8	93425A	93425A	PDL1	B2
	4D24-09(11)	.i	TOT	20.0	-1.0	1.0	-OUT	74S258	74S258	PDLCTL	B1
	4D23-12(14)	.i	TI	-0.40	0.2	1.0	A8	93425A	93425A	PDL1	B1
				-6.40(0.32)/20.0(-1.0)		38.6					

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2106						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PDLA8B	4D13-12(14)	.	TI	-0.40	0.2		A8	93425A	93425A	PDLO	B4
	4D12-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	B3
	4D11-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	B2
	4D16-12(14)	.i	TI	-0.40	0.2	1.5	A8	93425A	93425A	PDLO	B7
	4D21-12(14)	.i	TI	-0.40	0.2	1.5	A8	93425A	93425A	PDLO	D7
	4D22-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D8
	4D17-12(14)	.i	TI	-0.40	0.2	1.5	A8	93425A	93425A	PDLO	B8
	4D18-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D2
	4D19-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D3
	4C18-04(08)	.i	TOF	20.0	-1.0	2.0	-OUT	74S258	74S258	PDICTL	B4
	4C17-12(14)	.i	TI	-0.40	0.2	.7	A8	93425A	93425A	PDLO	D4
	4C18-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D4
	4C19-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D5
	4C20-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	D6
	4C13-12(14)	.i	TI	-0.40	0.2	1.9	A8	93425A	93425A	PDLO	B4
	4C14-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	B5
	4C15-12(14)	.i	TI	-0.40	0.2	.9	A8	93425A	93425A	PDLO	B6
	4C10-12(14)	.i	TI	-0.40	0.2	1.5	A8	93425A	93425A	PDLO	B1
				-6.80(0.34)/20.0(-1.0)		43.6					
-PDLA9A	4D26-13(15)	.i	TI	-0.40	0.2		A9	93425A	93425A	PDL1	B7
	4D27-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	B8
	4D28-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D1
	4D29-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D2
	4D30-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D3
	4C25-13(15)	.i	TI	-0.40	0.2	1.1	A9	93425A	93425A	PDL1	D4
	4C27-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D5
	4C28-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D6
	4C29-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D7
	4C30-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	D8
	4C25-13(15)	.i	TI	-0.40	0.2	1.5	A9	93425A	93425A	PDL1	B6
	4C24-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	B5
	4C23-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDL1	B4
	4C21-13(15)	.i	TI	-0.40	0.2	1.4	A9	93425A	93425A	PDL1	B3
	4D25-13(15)	.i	TI	-0.40	0.2	1.1	A9	93425A	93425A	PDL1	B2
	4D24-12(14)	.i	TOT	20.0	-1.0	1.0	-OUT	74S258	74S258	PDICTL	B1
	4D23-13(15)	.i	TI	-0.40	0.2	1.0	A9	93425A	93425A	PDL1	B1
				-6.40(0.32)/20.0(-1.0)		38.6					
-PDLA9B	4D13-13(15)	.	TI	-0.40	0.2		A9	93425A	93425A	PDLO	B4
	4D12-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	B3
	4D11-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	B2
	4D16-13(15)	.i	TI	-0.40	0.2	1.5	A9	93425A	93425A	PDLO	B7
	4D21-13(15)	.i	TI	-0.40	0.2	1.5	A9	93425A	93425A	PDLO	D7
	4D22-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D8
	4D17-13(15)	.i	TI	-0.40	0.2	1.5	A9	93425A	93425A	PDLO	B8
	4D18-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D2
	4D19-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D3
	4C16-07(09)	.i	TOT	20.0	-1.0	2.0	-OUT	74S258	74S258	PDICTL	B4
	4C17-13(15)	.i	TI	-0.40	0.2	.8	A9	93425A	93425A	PDLO	D4
	4C18-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D4
	4C19-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D5
	4C20-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	D6
	4C13-13(15)	.i	TI	-0.40	0.2	1.9	A9	93425A	93425A	PDLO	B4
	4C14-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	B5
	4C15-13(15)	.i	TI	-0.40	0.2	.9	A9	93425A	93425A	PDLO	B6
	4C10-13(15)	.i	TI	-0.40	0.2	1.5	A9	93425A	93425A	PDLO	B1
				-6.80(0.34)/20.0(-1.0)		43.7					
-PDLA9C	4D06-06(09)	.	TO	20.0	-1.0			74S08	74S08	PDICTL	D7
	3D30-10(12)	.i	TI	-4.0	0.10	4.5	-ENBT	74S169	74S169	PDLPTR	C5
				-4.0(0.10)/20.0(-1.0)							

CADR PROCESSOR		CADRW:CADR4 WLR		29-FEB-80 2106							
SIGNAL	NAME LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PDLCRY3	3D30-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	PDLPTR	C5
	3D24-10(12)	i	TI	-4.0	0.10	1.2	-ENBT	74S169	74S169	PDLPTR	C6
				-4.0(0.10)/20.0(-1.0)							
-PDLCRY7	3D24-15(17)	.	TO	20.0	-1.0		-CO	74S169	74S169	PDLPTR	C6
	3C21-10(12)	i	TI	-4.0	0.10	1.7	-ENBT	74S169	74S169	PDLPTR	C8
				-4.0(0.10)/20.0(-1.0)							
-PDLDRIVE	4D08-06(09)	.	TO	20.0	-1.0			74S00	74S00	PDLCTL	D8
	4B08-01	i	TI	-0.25	0.5	5.9	-OE	74S373	74S373	PLATCH	D1
	4B03-01	i	TI	-0.25	0.5	1.5	-OE	74S373	74S373	PLATCH	D3
	4B05-01	i	TI	-0.25	0.5	1.4	-OE	74S373	74S373	PLATCH	D5
	4A02-01	i	TI	-0.25	0.5	1.6	-OE	74S373	74S373	PLATCH	D6
	4A04-01	i	TI	-0.25	0.5	1.4	-OE	74S373	74S373	PLATCH	D8
				-1.25(0.25)/20.0(-1.0)			17.8				
PDLENB	3F14-08(11)	.	TI	-2.0	0.5			74S02	74S02	MF	D3
	4D08-03(06)	i	TO	20.0	-1.0	9.1		74S00	74S000	PDLCTL	C7
	4D08-04(07)	i	TIS	-2.0	0.5	HARE		74S00	74S00	PDLCTL	D8
	4A17-05(08)	i	TIS	-2.0	0.5	8.4		74S00	74S00	APAR	D7
				-6.0(0.15)/20.0(-1.0)			20.6				
PDLIDX0	4C16-10(12)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDLCTL	B4
	4C12-03(05)	i	TI	-2.0	0.5	2.1	IN1	74S258	74S258	PDLCTL	B7
	4C01-17	i	TI	-0.40	0.5	2.9	IN5	74S241	74S241	PDLPIR	C4
	3D25-02(04)	i	TO	20.0	-1.0	4.2	Q0	25S07	25S07	PDLPIR	D8
				-4.40(0.15)/20.0(-1.0)			12.2				
PDLIDX1	3D25-05(07)	.	TO	20.0	-1.0		Q1	25S07	25S07	PDLPIR	D8
	4C01-15	i	TI	-0.40	0.5	4.1	IN6	74S241	74S241	PDLPIR	C4
	4C12-06(08)	i	TI	-2.0	0.5	3.0	IN1	74S258	74S258	PDLCTL	B7
	4C16-13(15)	i	TI	-2.0	0.5	1.7	IN1	74S258	74S258	PDLCTL	B4
				-4.40(0.15)/20.0(-1.0)			11.8				
PDLIDX2	4C22-03(05)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDLCTL	B3
	4C12-10(12)	i	TI	-2.0	0.5	2.3	IN1	74S258	74S258	PDLCTL	B7
	4C01-13	i	TI	-0.40	0.5	2.8	IN7	74S241	74S241	PDLPIR	C4
	3D25-07(09)	i	TO	20.0	-1.0	4.1	Q2	25S07	25S07	PDLPIR	D8
				-4.40(0.15)/20.0(-1.0)			12.2				
PDLIDX3	4C22-06(08)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDLCTL	B3
	4C12-13(15)	i	TI	-2.0	0.5	2.9	IN1	74S258	74S258	PDLCTL	B7
	4C01-11	i	TI	-0.40	0.5	2.3	IN8	74S241	74S241	PDLPIR	C4
	3D25-10(12)	i	TO	20.0	-1.0	4.3	Q3	25S07	25S07	PDLPIR	D8
				-4.40(0.15)/20.0(-1.0)			12.5				
PDLIDX4	4C22-10(12)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDLCTL	B3
	4D14-03(05)	i	TI	-2.0	0.5	3.4	IN1	74S258	74S258	PDLCTL	B6
	4D05-17	i	TI	-0.40	0.5	2.8	IN5	74S241	74S241	PDLPIR	C2
	3D25-12(14)	i	TO	20.0	-1.0	3.8	Q4	25S07	25S07	PDLPIR	D8
				-4.40(0.15)/20.0(-1.0)			13.0				
PDLIDX5	4C22-13(15)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDLCTL	B3
	4D14-06(08)	i	TI	-2.0	0.5	2.9	IN1	74S258	74S258	PDLCTL	B6
	4D05-15	i	TI	-0.40	0.5	2.9	IN6	74S241	74S241	PDLPIR	C2
	3D25-16(17)	i	TO	20.0	-1.0	4.3	Q5	25S07	25S07	PDLPIR	D8
				-4.40(0.15)/20.0(-1.0)			13.1				

CADR PROCESSOR		CADRWD; CADR4 WLR				29-FEB-80 2106					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
PDLIDX6	3C22-02(04)	.	TO	20.0	-1.0		00	25S07	25S07	PDI PTR	D6
	4D05-13	i	TI	-0.40	0.5	4.8	IN7	74S241	74S241	PDI PTR	C2
	4D14-10(12)	i	TI	-2.0	0.5	2.8	IN1	74S258	74S258	PDI CTL	B6
	4D24-03(05)	i	TI	-2.0	0.5	2.3	IN1	74S258	74S258	PDI CTL	B1
				-4.40(0.15)/20.0(-1.0)			12.9				
PDLIDX7	4D24-06(08)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDI CTL	B1
	4D14-13(15)	i	TI	-2.0	0.5	2.9	IN1	74S258	74S258	PDI CTL	B6
	4D05-11	i	TI	-0.40	0.5	2.3	IN8	74S241	74S241	PDI PTR	C2
	3C22-05(07)	i	TO	20.0	-1.0	4.7	Q1	25S07	25S07	PDI PTR	D6
				-4.40(0.15)/20.0(-1.0)			12.9				
PDLIDX8	4D24-10(12)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDI CTL	B1
	4C16-03(05)	i	TI	-2.0	0.5	2.6	IN1	74S258	74S258	PDI CTL	B4
	4D04-17	i	TI	-0.40	0.5	4.2	IN5	74S241	74S241	PDI PTR	C1
	3C22-07(09)	i	TO	20.0	-1.0	4.2	Q2	25S07	25S07	PDI PTR	D6
				-4.40(0.15)/20.0(-1.0)			14.0				
PDLIDX9	4D24-13(15)	.	TI	-2.0	0.5		IN1	74S258	74S258	PDI CTL	B1
	4C16-06(08)	i	TI	-2.0	0.5	2.2	IN1	74S258	74S258	PDI CTL	B4
	4D04-15	i	TI	-0.40	0.5	4.3	IN6	74S241	74S241	PDI PTR	C1
	3C22-10(12)	i	TO	20.0	-1.0	4.3	Q3	25S07	25S07	PDI PTR	D6
				-4.40(0.15)/20.0(-1.0)			13.8				
-PDLPA	4D07-06(09)	.	TO	20.0	-1.0			74S51	74S51	PDI CTL	C2
	4C16-01(03)	i	TI	-4.0	0.10	3.2	SEL	74S258	74S258	PDI CTL	B4
	4C22-01(03)	i	TI	-4.0	0.10	1.7	SEL	74S258	74S258	PDI CTL	B3
	4D24-01(03)	i	TI	-4.0	0.10	2.1	SEL	74S258	74S258	PDI CTL	B1
				-12.0(0.30)/20.0(-1.0)			10.0				
PDLPAR1Y	4C10-07(09)	.	TOT	16.0	-0.80		D0	93425A	93425A	PDLO	B1
	4B08-18	i	TI	-0.25	0.5	2.0	D7	74S373	74S373	PLATCH	D1
				-0.25(0.5)/16.0(-0.80)							
PDLPAROK	4B J1-16	.					CON		CPINS	B6	
	4A17-06(09)	i	TO	20.0	-1.0	6.1		74S00	74S00	APAR	D7
				0.0/20.0							
-PDLPB	4D07-08(11)	.	TO	20.0	-1.0			74S51	74S51	PDI CTL	D2
	4D14-01(03)	i	TI	-4.0	0.10	1.8	SEL	74S258	74S258	PDI CTL	B6
	4C12-01(03)	i	TI	-4.0	0.10	2.1	SEL	74S258	74S258	PDI CTL	B7
				-8.0(0.20)/20.0(-1.0)			5.4				
PDLPIR0	4C16-11(13)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDI CTL	B4
	4C12-02(04)	i	TI	-2.0	0.5	2.1	IN0	74S258	74S258	PDI CTL	B7
	4C01-08	i	TI	-0.40	0.5	2.3	IN4	74S241	74S241	PDI PTR	C4
	3D30-14(16)	i	TO	20.0	-1.0	3.5	QA	74S169	74S169	PDI PTR	C5
				-4.40(0.15)/20.0(-1.0)			10.9				
PDLPTR1	4C16-14(16)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDI CTL	B4
	4C12-05(07)	i	TI	-2.0	0.5	1.7	IN0	74S258	74S258	PDI CTL	B7
	4C01-06	i	TI	-0.40	0.5	2.8	IN3	74S241	74S241	PDI PTR	C4
	3D30-13(15)	i	TO	20.0	-1.0	3.2	QB	74S169	74S169	PDI PTR	C5
				-4.40(0.15)/20.0(-1.0)			10.7				
PDLPTR2	4C22-02(04)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDI CTL	B3
	4C12-11(13)	i	TI	-2.0	0.5	2.3	IN0	74S258	74S258	PDI CTL	B7
	4C01-04	i	TI	-0.40	0.5	3.1	IN2	74S241	74S241	PDI PTR	C4
	3D30-12(14)	i	TO	20.0	-1.0	3.0	QC	74S169	74S169	PDI PTR	C5
				-4.40(0.15)/20.0(-1.0)			11.4				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
PDLPIR3	4C22-05(07)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B3
	4C12-14(16)	i	TI	-2.0	0.5	2.9	IN0	74S258	74S258	PDLCTL	B7
	4C01-02	.i	TI	-0.40	0.5	3.0	IN1	74S241	74S241	PDLPIR	C4
	3D30-11(13)	i	TO	20.0	-1.0	2.7	QD	74S169	74S169	PDLPIR	C5
				-4.40(0.15)/20.0(-1.0)		11.6					
PDLPIR4	4C22-11(13)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B3
	4D14-02(04)	i	TI	-2.0	0.5	3.4	IN0	74S258	74S258	PDLCTL	B6
	4D05-08	.i	TI	-0.40	0.5	2.3	IN4	74S241	74S241	PDLPIR	C2
	3D24-14(16)	i	TO	20.0	-1.0	4.5	QA	74S169	74S169	PDLPIR	C6
				-4.40(0.15)/20.0(-1.0)		13.2					
PDLPIR5	4C22-14(16)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B3
	4D14-05(07)	i	TI	-2.0	0.5	2.9	IN0	74S258	74S258	PDLCTL	B8
	4D05-06	.i	TI	-0.40	0.5	2.8	IN3	74S241	74S241	PDLPIR	C2
	3D24-13(15)	i	TO	20.0	-1.0	4.2	QB	74S169	74S169	PDLPIR	C8
				-4.40(0.15)/20.0(-1.0)		12.9					
PDLPIR6	4D24-02(04)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B1
	4D14-11(13)	i	TI	-2.0	0.5	2.3	IN0	74S258	74S258	PDLCTL	B6
	4D05-04	.i	TI	-0.40	0.5	3.2	IN2	74S241	74S241	PDLPIR	C2
	3D24-12(14)	i	TO	20.0	-1.0	3.9	QC	74S169	74S169	PDLPIR	C6
				-4.40(0.15)/20.0(-1.0)		12.4					
PDLPIR7	4D24-05(07)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B1
	4D14-14(16)	i	TI	-2.0	0.5	2.9	IN0	74S258	74S258	PDLCTL	B6
	4D05-02	.i	TI	-0.40	0.5	3.1	IN1	74S241	74S241	PDLPIR	C2
	3D24-11(13)	i	TO	20.0	-1.0	3.7	QD	74S169	74S169	PDLPIR	C6
				-4.40(0.15)/20.0(-1.0)		12.7					
PDLPIR8	4D24-11(13)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B1
	4C16-02(04)	i	TI	-2.0	0.5	2.6	IN0	74S258	74S258	PDLCTL	B4
	4D04-08	.i	TI	-0.40	0.5	3.6	IN4	74S241	74S241	PDLPIR	C1
	3C21-14(16)	i	TO	20.0	-1.0	4.5	QA	74S169	74S169	PDLPIR	C8
				-4.40(0.15)/20.0(-1.0)		13.7					
PDLPIR9	4D24-14(16)	.	TI	-2.0	0.5		IN0	74S258	74S258	PDLCTL	B1
	4C16-05(07)	i	TI	-2.0	0.5	2.2	IN0	74S258	74S258	PDLCTL	B4
	4D04-06	.i	TI	-0.40	0.5	4.1	IN3	74S241	74S241	PDLPIR	C1
	3C21-13(15)	i	TO	20.0	-1.0	4.3	QB	74S169	74S169	PDLPIR	C8
				-4.40(0.15)/20.0(-1.0)		13.6					
PDLWRITE	4D10-12(15)	.	TO	20.0	-1.0		1D	74S10	74S100	PDLCTL	D1
	4C11-04(06)	i	TI	-2.0	0.5	1.9	1D	74S175	74S175	PDLCTL	D4
				-2.0(0.5)/20.0(-1.0)							
PDLWRITFD	3F15-15	\	TI	-0.20	0.2		IN6	74LS244	74LS244	SPY2	B7
	4C11-02(04)	.i	TO	20.0	-1.0	10.9	1Q	74S175	74S175	PDLCTL	D4
	4D20-01(04)	i	TIS	-4.0	0.10	1.8		74S37	74S37	PDLCTL	C7
	4D20-04(07)	.i	TIS	-4.0	0.10	.7		74S37	74S37	PDLCTL	C7
	4D20-10(13)	i	TIS	-4.0	0.10	.8		74S37	74S37	PDLCTL	C7
				-12.20(0.32)/20.0(-1.0)		18.7					
-PDLWRITED	4C11-03(05)		TO	20.0	-1.0		-1Q	74S175	74S175	PDLCTL	D4
										ONE PIN RUN	0
										UNUSED EXTRA OUTPUT	0
-PFR	1A01-04	\	TI	-0.40	0.5		IN2	74S240	74S240	VMEMDR	B1
	1D17-04(07)	.i	TIS	-2.0	0.5	9.1		74S00	74S000	VCTL1	B5
	1F25-04(06)	i	TIS	-1.60	0.5	2.0	11	9S42	9S42-1	VCTL1	C1
	1F25-12(14)	.i	TIS	-1.60	0.5	.8	11	9S42	9S42-1	VCTL1	D1
	1D26-04(07)	i	TO	20.0	-1.0	1.9		74S04	74S04A	VCTL2	A7
				-5.60(0.20)/20.0(-1.0)		18.3					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2106								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-PFW	1A01-02	.	TI	-0.40	0.5			IN1	74S240	74S240	VMEMDR	B1
	1D17-03(06)	.i	TO	20.0	-1.0	9.2			74S00	74S00	VCIL1	B5
	1D17-05(08)	.i	TIS	-2.0	0.5	.6			74S00	74S000	VCIL1	B5
	1E25-05(07)	.i	TIS	-1.60	0.5	2.0		I1	9S42	9S42-1	VCIL1	C1
-4.0(0.15)/20.0(-1.0) 14.8												
-PGF. OR. INT	3E18-06(09)	.	TO	20.0	-1.0			OUT	74S32	74S32	FLAG	B4
	3E13-14(16)	.i	TI	-2.0	0.5	2.0		D5	74S151	74S151	FLAG	D7
-2.0(0.5)/20.0(-1.0)												
PGF. OR. INT. OR. SB	3E18-11(14)	.	TO	20.0	-1.0			OUT	74S32	74S32	FLAG	C4
	3E13-13(15)	.i	TI	-2.0	0.5	1.6		D6	74S151	74S151	FLAG	D7
-2.0(0.5)/20.0(-1.0)												
PIDRIVE	4D06-08(11)	.	IO	20.0	-1.0				74S08	74S08	PDLPTR	D2
	4D04-19	.i	TI	-2.0	0.5	2.9		ENB	74S241	74S241	PDLPTR	C1
	4D05-19	.i	TI	-2.0	0.5	.9		ENB	74S241	74S241	PDLPTR	C2
	4C01-19	.i	TI	-2.0	0.5	1.1		ENB	74S241	74S241	PDLPTR	C4
-6.0(0.15)/20.0(-1.0) 7.9												
-PMA10	1E17-12(14)	.i	TI	-0.80	0.2			I	93S48	93S48	VMEFMDR	D1
	1D15-15	.i	TOT	20.0	-6.50	4.8		O5	74S373	74S373	VMEFMDR	D8
	1CJ1-06	.i						CON		BCPINS	A5	
-0.80(0.2)/20.0(-6.50) 10.9												
-PMA11	1CJ1-05	.i						CON		BCPINS	A5	
	1D15-12	.i	TOT	20.0	-6.50	4.9		O4	74S373	74S373	VMEFMDR	D8
	1E17-11(13)	.i	TI	-0.80	0.2	4.8		I	93S48	93S48	VMEFMDR	D1
-0.80(0.2)/20.0(-6.50) 11.2												
-PMA12	1CJ1-04	.i						CON		BCPINS	A5	
	1D15-09	.i	TOT	20.0	-6.50	4.8		O3	74S373	74S373	VMEFMDR	D8
	1E18-07(09)	.i	TI	-0.80	0.2	4.3		I	93S48	93S48	VMEFMDR	D3
-0.80(0.2)/20.0(-6.50) 10.6												
-PMA13	1CJ1-03	.i						CON		BCPINS	A5	
	1D15-06	.i	TOT	20.0	-6.50	4.6		O2	74S373	74S373	VMEFMDR	D8
	1E18-06(08)	.i	TI	-0.80	0.2	4.4		I	93S48	93S48	VMEFMDR	D3
-0.80(0.2)/20.0(-6.50) 10.5												
-PMA14	1CJ1-02	.i						CON		BCPINS	A5	
	1D15-05	.i	TOT	20.0	-6.50	4.5		O1	74S373	74S373	VMEFMDR	D8
	1E18-05(07)	.i	TI	-0.80	0.2	4.4		I	93S48	93S48	VMEFMDR	D3
-0.80(0.2)/20.0(-6.50) 10.4												
-PMA15	1E18-04(06)	.i	TI	-0.80	0.2			I	93S48	93S48	VMEFMDR	D3
	1D15-02	.i	TOT	20.0	-6.50	4.4		O0	74S373	74S373	VMEFMDR	D8
	1CJ1-01	.i						CON		BCPINS	A5	
-0.80(0.2)/20.0(-6.50) 10.3												
-PMA16	1BJ1-20	.i						CON		BCPINS	D3	
	1D14-19	.i	TOT	20.0	-6.50	5.5		O7	74S373	74S373	VMEFMDR	D5
	1E18-03(05)	.i	TI	-0.80	0.2	3.7		I	93S48	93S48	VMEFMDR	D3
-0.80(0.2)/20.0(-6.50) 10.7												
-PMA17	1BJ1-19	.i						CON		BCPINS	D3	
	1D14-16	.i	TOT	20.0	-6.50	5.8		O6	74S373	74S373	VMEFMDR	D5
	1E18-02(04)	.i	TI	-0.80	0.2	3.5		I	93S48	93S48	VMEFMDR	D3
-0.80(0.2)/20.0(-6.50) 10.8												

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2108							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PMA18	1B J1-18 1D14-15 1E18-01(03)	.1	TOT II	20.0 -0.80	-6.50 0.2	5.9 3.5	CON Q5 I	74S373 93S48	B CPINS 74S373 93S48	C3 VMEMDR VMEMDR	D5 D3
-PMA19	1B J1-17 1D14-12 1E18-15(17)	.1	TOT II	20.0 -0.80	-6.50 0.2	6.2 3.7	CON Q4 I	74S373 93S48	B CPINS 74S373 93S48	C3 VMEMDR VMEMDR	D5 D3
-PMA20	1B J1-16 1D14-09 1E18-14(16)	.1	TOT II	20.0 -0.80	-6.50 0.2	6.0 4.0	CON Q3 I	74S373 93S48	B CPINS 74S373 93S48	C3 VMEMDR VMEMDR	D5 D3
-PMA21	1B J1-15 1D14-06 1E18-13(15)	.1	TOT II	20.0 -0.80	-6.50 0.2	5.9 4.1	CON Q2 I	74S373 93S48	B CPINS 74S373 93S48	C3 VMEMDR VMEMDR	D5 D3
-PMA8	1E17-14(16) 1D15-19 1C J1-08	.1	TI TOT	-0.80 20.0	0.2 -6.50	4.9	I Q7 CON	93S48 74S373	93S48 74S373	VMEMDR VMEMDR B5	D1 D8
-PMA9	1E17-13(15) 1D15-16 1C J1-07	.1	TI TOT	-0.80 20.0	0.2 -6.50	4.8	I Q6 CON	93S48 74S373	93S48 74S373	VMEMDR VMEMDR B5	D1 D8
POPJ	3F20-02(05) 3F30-10(13) 3E27-10(13)	.1	TO TIS TIS	20.0 -2.0 -2.0	-1.0 0.5 0.5	3.0 1.8		74S04 74S64 74S64	74S04A 74S64 74S64	CONTRL CONTRL CONTRL	A1 D4 D3
-POPJ	3F20-01(04) 3F23-09(12) 3D21-06(09)	.1	TI TIS TO	-2.0 -2.0 20.0	0.5 0.5 -1.0	2.6 2.4		74S04 74S00 74S08	74S04A 74S000 74S080	CONTRL CONTRL CONTRL	A1 A4 C3
-PPDRIVE	4D08-08(11) 4D04-01 4D05-01 4C01-01	.1	TO TI TI TI	20.0 -2.0 -2.0 -2.0	-1.0 0.5 0.5 0.5	2.6 1.9 1.1		74S00 74S241 74S241 74S241	74S00 74S241 74S241 74S241	PDL PIR PDL PIR PDL PIR PDL PIR	D2 C1 C2 C4
PROG.UNIBUS.RESET	3E08-06 3E J1-20 1A16-08	.1	TOT II	12.0 -0.40	-2.60 0.5	16.5	Y1 CON IN4	25LS2519 74S241	25LS2519 CPINS 74S241	B4 LC	FLAG D2 D3
PWIDX	4C11-06(08)		TO	20.0	-1.0		-2Q	74S175	74S175	ONE PIN RUN PDLCTL D4 UNUSED EXTRA OUTPUT	0 0
-PWIDX	4D07-01(04) 4D07-05(08) 4C11-07(09)	.1	TIS TIS TO	-2.0 -2.0 20.0	0.5 0.5 -1.0	3.0		74S51 74S51 74S175	74S51 74S51 74S175	PDLCTL PDLCTL PDLCTL	D2 C2 D4

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2108						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-PWPA	4D13-14(16)	.	TI	-0.40	0.2		-WE	93425A	93425A	PDL0	B4
	4D12-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	B3
	4D11-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	B2
	4D16-14(16)	i	TI	-0.40	0.2	1.5	-WE	93425A	93425A	PDL0	B7
	4D17-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	B8
	4D18-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D2
	4D19-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D3
	4D20-03(06)	i	TO	60.0	-3.0	1.3		74537	74537	PDLCTL	C7
	4C13-14(16)	i	TI	-0.40	0.2	2.3	-WE	93425A	93425A	PDL0	B4
	4C14-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	B5
	4C15-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	B6
	4C10-14(16)	i	TI	-0.40	0.2	1.5	-WE	93425A	93425A	PDL0	B1
							-4.40(0.22)/60.0(-3.0)	27.9			
-PWPB	4D21-14(16)	.	TI	-0.40	0.2		-WE	93425A	93425A	PDL0	D7
	4D22-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D8
	4D23-14(16)	i	TI	-0.40	0.2	.9	-WF	93425A	93425A	PDL1	B1
	4D25-14(16)	i	TI	-0.40	0.2	1.4	-WE	93425A	93425A	PDL1	B2
	4C21-14(16)	i	TI	-0.40	0.2	1.1	-WE	93425A	93425A	PDL1	B3
	4D20-06(09)	i	TO	60.0	-3.0	1.3		74537	74537	PDLCTL	C7
	4C17-14(16)	i	TI	-0.40	0.2	1.4	-WE	93425A	93425A	PDL0	D4
	4C18-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D4
	4C19-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D5
	4C20-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL0	D6
	4C24-14(16)	i	TI	-0.40	0.2	1.7	-WE	93425A	93425A	PDL1	B5
	4C23-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	B4
							-4.40(0.22)/60.0(-3.0)	27.3			
-PWPC	4D20-08(11)	.	TO	60.0	-3.0			74537	74537	PDLCTL	C7
	4D26-14(16)	i	TI	-0.40	0.2	3.1	-WE	93425A	93425A	PDL1	B7
	4D27-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	B8
	4D28-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	D1
	4D29-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	D2
	4D30-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	D3
	4C26-14(16)	i	TI	-0.40	0.2	1.1	-WE	93425A	93425A	PDL1	D4
	4C27-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	D5
	4C28-14(16)	i	TI	-0.40	0.2	.9	-WE	93425A	93425A	PDL1	D6
	4C29-14(16)	i	TI	-0.40	0.2	.9	-WF	93425A	93425A	PDL1	D7
	4C30-14(16)	i	TI	-0.40	0.2	.9	-WF	93425A	93425A	PDL1	D8
	4C25-14(16)	i	TI	-0.40	0.2	1.5	-WE	93425A	93425A	PDL1	B6
							-4.40(0.22)/60.0(-3.0)	27.9			
00	1E12-17	.	TI	-0.40	0.5		IN5	74S241	74S241	OCTL	C8
	2C10-05(08)	i	TI	-2.0	0.5	11.0		74S02	74S02	ALUC4	A4
	2D15-05(08)	i	TI	-2.0	0.5	3.4	IN	74S32	74S370	ALUC4	B6
	2C27-15(17)	i	TO	20.0	-1.0	3.5	Q3	74S194	74S194	Q	D8
						-4.40(0.15)/20.0(-1.0)	20.9				
Q1	2C27-14(16)	.	TO	20.0	-1.0		Q2	74S194	74S194	Q	D8
	1E12-15	i	TI	-0.40	0.5	13.2	IN6	74S241	74S241	OCTL	C8
						-0.40(0.5)/20.0(-1.0)					
Q10	2C22-13(15)	.	TO	20.0	-1.0		Q1	74S194	74S194	Q	D3
	1F15-13	i	TI	-0.40	0.5	12.8	IN7	74S241	74S241	OCTL	C6
						-0.40(0.5)/20.0(-1.0)					
Q11	2C23-02(04)	\	TI	-2.0	0.5		SHRTIN	74S194	74S194	Q	D1
	2C22-12(14)	i	TO	20.0	-1.0	1.3	Q0	74S194	74S194	Q	D3
	1F15-11	i	TI	-0.40	0.5	12.7	IN8	74S241	74S241	OCTL	C6
						-2.40(0.10)/20.0(-1.0)	15.5				

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2106									
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS			
Q12	2C22-07(09) 2C23-15(17) 1F15-08	\	TI	-2.0	0.5		SHLTIN	74S194	74S194	Q	D3			
			TO	20.0	-1.0	1.0	Q3	74S194	74S194	Q	D1			
			TI	-0.40	0.5	12.7	IN4	74S241	74S241	QCTL	C6			
											-2.40(0.10)/20.0(-1.0)	15.2		
Q13	2C23-14(16) 1F15-06	i	TO	20.0	-1.0		Q2	74S194	74S194	Q	D1			
			TI	-0.40	0.5	13.0	IN3	74S241	74S241	QCTL	C6			
													-0.40(0.5)/20.0(-1.0)	
Q14	2C23-13(15) 1F15-04	i	TO	20.0	-1.0		Q1	74S194	74S194	Q	D1			
			TI	-0.40	0.5	13.2	IN2	74S241	74S241	QCTL	C6			
													-0.40(0.5)/20.0(-1.0)	
Q15	2C23-12(14) 2C12-02(04) 1F15-02	\	TO	20.0	-1.0		Q0	74S194	74S194	Q	D1			
			TI	-2.0	0.5	3.0	SHRTIN	74S194	74S194	Q	B8			
			TI	-0.40	0.5	11.3	IN1	74S241	74S241	QCTL	C6			
											-2.40(0.10)/20.0(-1.0)	15.8		
Q16	2C23-07(09) 2C12-15(17) 1F10-17	\	TI	-2.0	0.5		SHLTIN	74S194	74S194	Q	D1			
			TO	20.0	-1.0	3.3	Q3	74S194	74S194	Q	B8			
			TI	-0.40	0.5	12.0	IN5	74S241	74S241	QCTL	C3			
											-2.40(0.10)/20.0(-1.0)	16.8		
Q17	2C12-14(16) 1F10-15	i	TO	20.0	-1.0		Q2	74S194	74S194	Q	B8			
			TI	-0.40	0.5	11.9	IN6	74S241	74S241	QCTL	C3			
													-0.40(0.5)/20.0(-1.0)	
Q18	2C12-13(15) 1F10-13	i	TO	20.0	-1.0		Q1	74S194	74S194	Q	B8			
			TI	-0.40	0.5	11.9	IN7	74S241	74S241	QCTL	C3			
													-0.40(0.5)/20.0(-1.0)	
Q19	2C13-02(04) 2C12-12(14) 1F10-11	\	TI	-2.0	0.5		SHRTIN	74S194	74S194	Q	B6			
			TO	20.0	-1.0	1.3	Q0	74S194	74S194	Q	B8			
			TI	-0.40	0.5	11.8	IN8	74S241	74S241	QCTL	C3			
											-2.40(0.10)/20.0(-1.0)	14.6		
Q2	2C27-13(15) 1F12-13	i	TO	20.0	-1.0		Q1	74S194	74S194	Q	D8			
			TI	-0.40	0.5	13.1	IN7	74S241	74S241	QCTL	C8			
													-0.40(0.5)/20.0(-1.0)	
Q20	2C12-07(09) 2C13-15(17) 1F10-08	\	TI	-2.0	0.5		SHLTIN	74S194	74S194	Q	B8			
			TO	20.0	-1.0	1.0	Q3	74S194	74S194	Q	B6			
			TI	-0.40	0.5	11.8	IN4	74S241	74S241	QCTL	C3			
											-2.40(0.10)/20.0(-1.0)	14.3		
Q21	2C13-14(16) 1F10-06	i	TO	20.0	-1.0		Q2	74S194	74S194	Q	B6			
			TI	-0.40	0.5	12.1	IN3	74S241	74S241	QCTL	C3			
													-0.40(0.5)/20.0(-1.0)	
Q22	2C13-13(15) 1F10-04	i	TO	20.0	-1.0		Q1	74S194	74S194	Q	B6			
			TI	-0.40	0.5	12.3	IN2	74S241	74S241	QCTL	C3			
													-0.40(0.5)/20.0(-1.0)	
Q23	2C13-12(14) 2C07-02(04) 1F10-02	\	TO	20.0	-1.0		Q0	74S194	74S194	Q	B6			
			TI	-2.0	0.5	1.9	SHRTIN	74S194	74S194	Q	B3			
			TI	-0.40	0.5	11.3	IN1	74S241	74S241	QCTL	C3			
											-2.40(0.10)/20.0(-1.0)	14.7		
Q24	2C13-07(09) 2C07-15(17) 1F08-17	\	TI	-2.0	0.5		SHLTIN	74S194	74S194	Q	B6			
			TO	20.0	-1.0	2.2	Q3	74S194	74S194	Q	B3			
			TI	-0.40	0.5	11.8	IN5	74S241	74S241	QCTL	C1			
											-2.40(0.10)/20.0(-1.0)	15.5		

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2106							
SIGNAL NAME	LOC(PIN#)	Z	IYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
Q25	2C07-14(16) 1F08-15	i	TO	20.0	-1.0			Q2	74S194	74S194	Q	B3
			TI	-0.40	0.5	11.7		IN6	74S241	74S241	QCTL	C1
				-0.40(0.5)/20.0(-1.0)								
Q26	2C07-13(15) 1F08-13	i	TO	20.0	-1.0			Q1	74S194	74S194	Q	B3
			TI	-0.40	0.5	11.7		IN7	74S241	74S241	QCTL	C1
				-0.40(0.5)/20.0(-1.0)								
Q27	2C08-02(04) 2C07-12(14) 1F08-11	\	TI	-2.0	0.5			SHRTIN	74S194	74S194	Q	B1
			TO	20.0	-1.0	1.3		Q0	74S194	74S194	Q	B3
			TI	-0.40	0.5	11.6		IN8	74S241	74S241	QCTL	C1
				-2.40(0.10)/20.0(-1.0)								
Q28	2C07-07(09) 2C08-15(17) 1F08-08	\	TI	-2.0	0.5			SHLTIN	74S194	74S194	Q	B3
			TO	20.0	-1.0	1.0		Q3	74S194	74S194	Q	B1
			TI	-0.40	0.5	11.7		IN4	74S241	74S241	QCTL	C1
				-2.40(0.10)/20.0(-1.0)								
Q29	2C08-14(16) 1F08-06	i	TO	20.0	-1.0			Q2	74S194	74S194	Q	B1
			TI	-0.40	0.5	11.9		IN3	74S241	74S241	QCTL	C1
				-0.40(0.5)/20.0(-1.0)								
Q3	2C28-02(04) 2C27-12(14) 1E12-11	\	TI	-2.0	0.5			SHRTIN	74S194	74S194	Q	D8
			TO	20.0	-1.0	1.3		Q0	74S194	74S194	Q	D8
			TI	-0.40	0.5	13.0		IN8	74S241	74S241	QCTL	C8
				-2.40(0.10)/20.0(-1.0)								
Q30	2C08-13(15) 1F08-04	i	TO	20.0	-1.0			Q1	74S194	74S194	Q	B1
			TI	-0.40	0.5	12.1		IN2	74S241	74S241	QCTL	C1
				-0.40(0.5)/20.0(-1.0)								
Q31	1F08-02 2C08-12(14) 2D29-13(15) 2D29-12(14)	i	TI	-0.40	0.5			IN1	74S241	74S241	QCTL	C1
			TO	20.0	-1.0	12.3		Q0	74S194	74S194	Q	B1
			TI	-2.0	0.5	5.3		D6	74S151	74S151	MOO	D8
			TI	-2.0	0.5	BARE		D7	74S151	74S151	MOO	D8
				-4.40(0.15)/20.0(-1.0)								
Q4	2C27-07(09) 2C28-15(17) 1E12-08	\	TI	-2.0	0.5			SHLTIN	74S194	74S194	Q	D8
			TO	20.0	-1.0	1.0		Q3	74S194	74S194	Q	D8
			TI	-0.40	0.5	13.0		IN4	74S241	74S241	QCTL	C8
				-2.40(0.10)/20.0(-1.0)								
Q5	2C28-14(16) 1E12-06	i	TO	20.0	-1.0			Q2	74S194	74S194	Q	D6
			TI	-0.40	0.5	13.3		IN3	74S241	74S241	QCTL	C8
				-0.40(0.5)/20.0(-1.0)								
Q6	2C28-13(15) 1E12-04	i	TO	20.0	-1.0			Q1	74S194	74S194	Q	D6
			TI	-0.40	0.5	13.6		IN2	74S241	74S241	QCTL	C8
				-0.40(0.5)/20.0(-1.0)								
Q7	2C28-12(14) 2C27-02(04) 1E12-02	\	TO	20.0	-1.0			Q0	74S194	74S194	Q	D6
			TI	-2.0	0.5	1.9		SHRTIN	74S194	74S194	Q	D3
			TI	-0.40	0.5	12.5		IN1	74S241	74S241	QCTL	C8
				-2.40(0.10)/20.0(-1.0)								
Q8	2C28-07(09) 2C22-15(17) 1F15-17	\	TI	-2.0	0.5			SHLTIN	74S194	74S194	Q	D6
			TO	20.0	-1.0	2.2		Q3	74S194	74S194	Q	D3
			TI	-0.40	0.5	12.9		IN5	74S241	74S241	QCTL	C6
				-2.40(0.10)/20.0(-1.0)								
Q9	2C22-14(16) 1F15-15	i	TO	20.0	-1.0			Q2	74S194	74S194	Q	D3
			TI	-0.40	0.5	12.8		IN6	74S241	74S241	QCTL	C6
				-0.40(0.5)/20.0(-1.0)								

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
QDRIVE	2A04-11(14)	\	TO	20.0	-1.0				74S08	74S08	QCTL	D4
	1F12-19	.1	TI	-2.0	0.5	14.1	FNB	74S241	74S241	QCTL	C8	
	1F15-19	.1	TI	-2.0	0.5	1.6	FNB	74S241	74S241	QCTL	C6	
	1F10-19	.1	TI	-2.0	0.5	1.5	FNB	74S241	74S241	QCTL	C3	
	1F08-19	.1	TI	-2.0	0.5	1.4	FNB	74S241	74S241	QCTL	C1	
				-8.0(0.20)/20.0(-1.0)		23.1						
-QDRIVE	1A18-08(11)	\	TO	20.0	-1.0				74S00	74S00	QCTL	D4
	1F12-01	.1	TI	-2.0	0.5	11.9	-FNB	74S241	74S241	QCTL	C8	
	1F15-01	.1	TI	-2.0	0.5	1.6	-FNB	74S241	74S241	QCTL	C6	
	1F10-01	.1	TI	-2.0	0.5	1.5	-FNB	74S241	74S241	QCTL	C3	
	1F08-01	.1	TI	-2.0	0.5	1.4	-FNB	74S241	74S241	QCTL	C1	
				-8.0(0.20)/20.0(-1.0)		20.9						
QS0	2B19-13(16)	\	TO	48.0	-2.40				74Z8	74Z8	QCTL	D2
	2C08-09(11)	.1	TI	-2.0	0.5	4.1	S0	74S194	74S194	Q	B1	
	2C07-09(11)	.1	TI	-2.0	0.5	.9	S0	74S194	74S194	Q	B3	
	2C12-09(11)	.1	TI	-2.0	0.5	1.5	S0	74S194	74S194	Q	B8	
	2C13-09(11)	.1	TI	-2.0	0.5	.9	S0	74S194	74S194	Q	B6	
	2C23-09(11)	.1	TI	-2.0	0.5	2.6	S0	74S194	74S194	Q	D1	
	2C22-09(11)	.1	TI	-2.0	0.5	.9	S0	74S194	74S194	Q	D3	
	2C27-09(11)	.1	TI	-2.0	0.5	1.5	S0	74S194	74S194	Q	D8	
	2C28-09(11)	.1	TI	-2.0	0.5	.9	S0	74S194	74S194	Q	D6	
					-16.0(0.40)/48.0(-2.40)		23.8					
QS1	2B19-10(13)	\	TO	48.0	-2.40				74Z8	74Z8	QCTL	D2
	2C08-10(12)	.1	TI	-2.0	0.5	4.3	S1	74S194	74S194	Q	B1	
	2C07-10(12)	.1	TI	-2.0	0.5	.9	S1	74S194	74S194	Q	B3	
	2C12-10(12)	.1	TI	-2.0	0.5	1.5	S1	74S194	74S194	Q	B8	
	2C13-10(12)	.1	TI	-2.0	0.5	.9	S1	74S194	74S194	Q	B6	
	2C23-10(12)	.1	TI	-2.0	0.5	2.6	S1	74S194	74S194	Q	D1	
	2C22-10(12)	.1	TI	-2.0	0.5	.9	S1	74S194	74S194	Q	D3	
	2C27-10(12)	.1	TI	-2.0	0.5	1.5	S1	74S194	74S194	Q	D8	
	2C28-10(12)	.1	TI	-2.0	0.5	.9	S1	74S194	74S194	Q	D6	
					-16.0(0.40)/48.0(-2.40)		24.0					
R0	3I13-04(06)	\	TI	-2.0	0.5				74S151	74S151	FLAG	D7
	2D29-03(05)	.1	TI	-2.0	0.5	6.3	D1	74S151	74S151	MOO	D8	
	2F27-15(17)	.1	TOI	20.0	-0.50	4.5	Y0	25S10	25S10	SHIFT0	D4	
	2F26-15(17)	.1	TOI	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT0	R4	
	2F24-04(07)	.1	IIS	-2.0	0.5	1.7		74S64	74S64	DRAM0	D1	
	2F05-04(07)	.1	IIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1	
	2F01-04(07)	.1	IIS	-2.0	0.5	2.4		74S64	74S64	DRAM2	D1	
					-10.0(0.25)/20.0(-0.50)		28.2					
R1	3F10-01(04)	.1	IIS	-2.0	0.5				74S51	74S51	DRAM0	B3
	2D28-03(05)	.1	TI	-2.0	0.5	6.1	D1	74S151	74S151	MOO	D7	
	2F29-15(17)	.1	TOI	20.0	-0.50	3.0	Y0	25S10	25S10	SHIFT0	D5	
	2F28-15(17)	.1	TOI	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT0	B5	
	2F20-01(04)	.1	IIS	-2.0	0.5	3.1		74S51	74S51	DRAM1	B3	
	1F30-01(04)	.1	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	B3	
				-8.0(0.20)/20.0(-0.50)		25.4						
R10	2F21-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT0	B6	
	2F22-12(14)	.1	TOI	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT0	D6	
	2C24-03(05)	.1	TI	-2.0	0.5	7.2	D1	74S151	74S151	MOO	B6	
				-2.0(0.5)/20.0(-0.50)		9.6						
R11	2F23-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT0	B8	
	2F24-12(14)	.1	TOT	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT0	D8	
	2C19-03(05)	.1	TI	-2.0	0.5	6.3	D1	74S151	74S151	MOO	B5	
				-2.0(0.5)/20.0(-0.50)		8.7						

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FFB-80 2106					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
R12	2E26-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT0	B4
	2E27-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT0	D4
	2A30-03(05)	i	TI	-2.0	0.5	13.3	D1	74S151	74S151	MO0	B4
				-2.0(0.5)/20.0(-0.50)			15.7				
R13	2E28-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT0	B5
	2E29-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT0	D5
	2A29-03(05)	i	TI	-2.0	0.5	11.8	D1	74S151	74S151	MO0	B3
				-2.0(0.5)/20.0(-0.50)			14.2				
R14	2E21-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT0	B6
	2E22-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT0	D6
	2A25-03(05)	i	TI	-2.0	0.5	13.3	D1	74S151	74S151	MO0	B2
				-2.0(0.5)/20.0(-0.50)			15.7				
R15	2E23-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT0	B8
	2E24-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT0	D8
	2A24-03(05)	i	TI	-2.0	0.5	11.8	D1	74S151	74S151	MO0	B1
				-2.0(0.5)/20.0(-0.50)			14.2				
R16	2E06-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT1	B4
	2E07-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT1	D4
	2D19-03(05)	i	TI	-2.0	0.5	5.1	D1	74S151	74S151	MO1	D8
				-2.0(0.5)/20.0(-0.50)			7.5				
R17	2E08-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT1	B5
	2E09-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT1	D5
	2D18-03(05)	i	TI	-2.0	0.5	3.8	D1	74S151	74S151	MO1	D7
				-2.0(0.5)/20.0(-0.50)			6.2				
R18	2F01-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT1	B6
	2F02-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT1	D6
	2D14-03(05)	i	TI	-2.0	0.5	5.1	D1	74S151	74S151	MO1	D6
				-2.0(0.5)/20.0(-0.50)			7.5				
R19	2F03-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT1	B8
	2F04-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT1	D8
	2D13-03(05)	i	TI	-2.0	0.5	3.8	D1	74S151	74S151	MO1	D5
				-2.0(0.5)/20.0(-0.50)			6.2				
R2	2C30-03(05)	.	TI	-2.0	0.5		D1	74S151	74S151	MO0	D6
	3F05-01(04)	.1	TIS	-2.0	0.5	9.2		74S51	74S51	DRAM0	A3
	2F27-15(17)	.1	TOT	20.0	-0.50	4.3	Y0	25S10	25S10	SHIFT0	D6
	2F21-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT0	B6
	2F15-01(04)	.1	TIS	-2.0	0.5	2.7		74S51	74S51	DRAM1	A3
	1F25-01(04)	i	TIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	A3
				-8.0(0.20)/20.0(-0.50)			29.4				
R20	2E06-14(16)	\	TOT	20.0	-0.50		Y1	25S10	25S10	SHIFT1	B4
	2E07-14(16)	.1	TOT	20.0	-0.50	.9	Y1	25S10	25S10	SHIFT1	D4
	2B15-03(05)	i	TI	-2.0	0.5	10.7	D1	74S151	74S151	MO1	D4
				-2.0(0.5)/20.0(-0.50)			13.1				
R21	2E08-14(16)	\	TOT	20.0	-0.50		Y1	25S10	25S10	SHIFT1	B5
	2E09-14(16)	.1	TOT	20.0	-0.50	.9	Y1	25S10	25S10	SHIFT1	D5
	2B14-03(05)	i	TI	-2.0	0.5	9.2	D1	74S151	74S151	MO1	D3
				-2.0(0.5)/20.0(-0.50)			11.6				
R22	2E01-14(16)	\	TOT	20.0	-0.50		Y1	25S10	25S10	SHIFT1	B6
	2E02-14(16)	.1	TOT	20.0	-0.50	.9	Y1	25S10	25S10	SHIFT1	D6
	2B10-03(05)	i	TI	-2.0	0.5	10.7	D1	74S151	74S151	MO1	D2
				-2.0(0.5)/20.0(-0.50)			13.1				

CADR PROFESSOR		CADRWD:CADR4 WLR		29-FEB-80 2108							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
R23	2E03-14(16)	\	TOT	20.0	-0.50		Y1	25S10	25S10	SHIFT1	B8
	2E04-14(16)	.1	TOT	20.0	-0.50	.9	Y1	25S10	25S10	SHIFT1	D8
	2B09-03(05)	i	TI	-2.0	0.5	9.2	D1	74S151	74S151	MO1	D1
						-2.0(0.5)/20.0(-0.50) 11.6					
R24	2E06-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT1	B4
	2E07-12(14)	.1	TOT	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT1	D4
	2C14-03(05)	i	TI	-2.0	0.5	7.2	D1	74S151	74S151	MO1	B8
						-2.0(0.5)/20.0(-0.50) 9.6					
R25	2E08-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT1	B5
	2E09-12(14)	.1	TOT	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT1	D5
	2D09-03(05)	i	TI	-2.0	0.5	3.5	D1	74S151	74S151	MO1	B7
						-2.0(0.5)/20.0(-0.50) 5.9					
R26	2E01-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT1	B6
	2E02-12(14)	.1	TOT	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT1	D6
	2D04-03(05)	i	TI	-2.0	0.5	4.5	D1	74S151	74S151	MO1	B6
						-2.0(0.5)/20.0(-0.50) 6.9					
R27	2E03-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT1	B8
	2E04-12(14)	.1	TOT	20.0	-0.50	.9	Y2	25S10	25S10	SHIFT1	D8
	2C09-03(05)	i	TI	-2.0	0.5	6.2	D1	74S151	74S151	MO1	B5
						-2.0(0.5)/20.0(-0.50) 8.8					
R28	2E06-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT1	B4
	2E07-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT1	D4
	2A15-03(05)	i	TI	-2.0	0.5	13.3	D1	74S151	74S151	MO1	B4
						-2.0(0.5)/20.0(-0.50) 15.7					
R29	2E08-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT1	B5
	2E09-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT1	D5
	2A14-03(05)	i	TI	-2.0	0.5	11.8	D1	74S151	74S151	MO1	B3
						-2.0(0.5)/20.0(-0.50) 14.2					
R3	2C29-03(05)	.	TI	-2.0	0.5		D1	74S151	74S151	MO0	D5
	2E24-15(17)	.1	TOT	20.0	-0.50	6.3	Y0	25S10	25S10	SHIFT0	D8
	2F23-15(17)	.1	TOT	20.0	-0.50	.9	Y0	25S10	25S10	SHIFT0	B8
	2F30-01(04)	.1	TIS	-2.0	0.5	2.2		74S51	74S51	DRAM0	A3
	2F10-01(04)	.1	TIS	-2.0	0.5	4.8		74S51	74S51	DRAM1	A3
	1F20-01(04)	i	TIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	A3
						-8.0(0.20)/20.0(-0.50) 26.5					
R30	2F01-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT1	B6
	2F02-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT1	D6
	2A10-03(05)	i	TI	-2.0	0.5	13.3	D1	74S151	74S151	MO1	B2
						-2.0(0.5)/20.0(-0.50) 15.7					
R31	2F03-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT1	B8
	2E04-11(13)	.1	TOT	20.0	-0.50	.9	Y3	25S10	25S10	SHIFT1	D8
	2A09-03(05)	i	TI	-2.0	0.5	11.8	D1	74S151	74S151	MO1	B1
						-2.0(0.5)/20.0(-0.50) 14.2					
R4	2B30-03(05)	.	TI	-2.0	0.5		D1	74S151	74S151	MO0	D4
	3F10-05(08)	.1	TIS	-2.0	0.5	12.2		74S51	74S51	DRAM0	B2
	2F27-14(16)	.1	TOT	20.0	-0.50	4.5	Y1	25S10	25S10	SHIFT0	D4
	2E26-14(16)	.1	TOT	20.0	-0.50	.9	Y1	25S10	25S10	SHIFT0	B4
	2F20-05(08)	.1	TIS	-2.0	0.5	2.4		74S51	74S51	DRAM1	B2
	1F30-05(08)	i	TIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	B2
						-8.0(0.20)/20.0(-0.50) 32.3					

CADR PROCESSOR		CADRWD;CADR4 WLR		-29-FEB-80 2108								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
R5	2B29-03(05)	.	TI	-2.0	0.5			D1	74S151	74S151	MOO	D3
	3F05-05(08)	.i	IIS	-2.0	0.5	11.4			74S51	71S51	DRAM0	A2
	2F29-14(16)	.i	TOT	20.0	-0.50	3.9		Y1	25S10	25S10	SHIFTO	D5
	2E28-14(16)	.i	TOT	20.0	-0.50	.9		Y1	25S10	25S10	SHIFTO	B5
	2F15-05(08)	.i	IIS	-2.0	0.5	3.8			74S51	74S51	DRAM1	A2
	1F25-05(08)	.i	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A2
				-8.0(0.20)/20.0(-0.50)			32.3					
R6	2B25-03(05)	.	TI	-2.0	0.5			D1	74S151	74S151	MOO	D2
	2F30-05(08)	.i	IIS	-2.0	0.5	11.6			74S51	74S51	DRAM0	A2
	2F21-14(16)	.i	TOT	20.0	-0.50	1.0		Y1	25S10	25S10	SHIFTO	B6
	2E22-14(16)	.i	TOT	20.0	-0.50	.9		Y1	25S10	25S10	SHIFTO	D6
	2F10-05(08)	.i	IIS	-2.0	0.5	3.6			74S51	74S51	DRAM1	A2
	1F20-05(08)	.i	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A2
				-8.0(0.20)/20.0(-0.50)			30.3					
R7	2E23-14(16)	.i	TOT	20.0	-0.50			Y1	25S10	25S10	SHIFTO	B8
	2E24-14(16)	.i	TOT	20.0	-0.50	.9		Y1	25S10	25S10	SHIFTO	D8
	2R24-03(05)	.i	TI	-2.0	0.5	9.1		D1	74S151	74S151	MOO	D1
				-2.0(0.5)/20.0(-0.50)			11.5					
R8	2E26-12(14)	.i	TOT	20.0	-0.50			Y2	25S10	25S10	SHIFTO	B4
	2F27-12(14)	.i	TOT	20.0	-0.50	.9		Y2	25S10	25S10	SHIFTO	D4
	2D24-03(05)	.i	TI	-2.0	0.5	4.7		D1	74S151	74S151	MOO	B8
				-2.0(0.5)/20.0(-0.50)			7.1					
R9	2E28-12(14)	.i	TOT	20.0	-0.50			Y2	25S10	25S10	SHIFTO	B5
	2E29-12(14)	.i	TOT	20.0	-0.50	.9		Y2	25S10	25S10	SHIFTO	D5
	2D23-03(05)	.i	TI	-2.0	0.5	3.3		D1	74S151	74S151	MOO	B7
				-2.0(0.5)/20.0(-0.50)			6.7					
RD. IN. PROGRESS	3F17-01(04)	.i	IIS	-2.0	0.5				74S10	74S10	VC1L1	D8
	1D21-09(12)	.i	IO	20.0	-1.0	16.0		Q2	74S74	74S74	VC1L1	D2
	1E25-15(17)	.i	IIS	-1.60	0.5	1.3		IO	9S42	9S42-1	VC1L1	D1
				-3.60(0.10)/20.0(-1.0)			18.8					
RDCYC	1F25-11(13)	.i	IIS	-1.60	0.5			I1	9S42	9S42-1	VC1L1	D1
	1D16-01(04)	.i	IIS	-2.0	0.5	2.3			74S51	74S51	VC1L1	A7
	1C23-06(08)	.i	IO	20.0	-1.0	4.4		-2Q	74S175	74S175	VC1L1	B8
				-3.60(0.10)/20.0(-1.0)			8.2					
-RDF INTSH	1D22-04(07)	.i	TO	20.0	-1.0			100NS	1D250	1D250	VC1L1	D6
	1D21-13(16)	.i	TI	-6.0	0.15	1.3		-CLR2	74S74	74S74	VC1L1	D2
				-6.0(0.15)/20.0(-1.0)								
RFSFT	1B18-04(07)		IIS	-4.0	0.10				74S37	74S37	CLOCKD	B3
											NO DRIVE	1
-RFSFT	4C11-01(03)	.i	TI	-2.0	0.5			-CLR	74S175	74S175	PDICTL	D4
	3B26-01(03)	.i	TI	-2.0	0.5	6.0		-CLR	74S174	74S174	AC1L	B4
	3D26-01(03)	.i	TI	-2.0	0.5	5.8		-CLR	74S175	74S175	CONTRL	D1
	3F17-01(03)	.i	TI	-2.0	0.5	4.4		-CLR	74S175	74S175	LCC	C4
	3F08-19	.i	TI	-0.36	0.2	1.7		-CLR	25LS2519	25LS2519		
	1D28-12(15)	.i	IIS	-2.0	0.5	12.4			74S08	74S080	VC1L1	C4
	1E20-01(03)	.i	TI	-2.0	0.5	3.3		-CLR	74S175	74S175	VC1L1	B3
	1C23-01(03)	.i	TI	-2.0	0.5	5.0		-CLR	74S175	74S175	VC1L1	B8
	1B18-06(09)	.i	IO	60.0	-3.0	3.2			74S37	74S37	CLOCKD	B3
				-14.36(0.37)/60.0(-3.0)			52.3					

FLAG D2

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2106					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
RETA0	4F14-02(04) 4E14-02(04)	i	TO TI	20.0 -2.0	-1.0 0.5	3.1	Q0 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D8 C8
				-2.0(0.5)/20.0(-1.0)							
RETA1	4F14-07(09) 4E14-05(07)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q1 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D8 C8
				-2.0(0.5)/20.0(-1.0)							
RETA10	4F12-10(12) 4E12-11(13)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q2 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D4 C4
				-2.0(0.5)/20.0(-1.0)							
RETA11	4F12-15(17) 4E12-14(16)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q3 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D4 C4
				-2.0(0.5)/20.0(-1.0)							
RETA12	4F11-02(04) 4E11-02(04)	i	TO TI	20.0 -2.0	-1.0 0.5	3.1	Q0 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D3 C3
				-2.0(0.5)/20.0(-1.0)							
RETA13	4F11-07(09) 4E11-05(07)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q1 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D3 C3
				-2.0(0.5)/20.0(-1.0)							
RETA2	4F14-10(12) 4E14-11(13)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q2 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D8 C8
				-2.0(0.5)/20.0(-1.0)							
RETA3	4F14-15(17) 4E14-14(16)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q3 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D8 C8
				-2.0(0.5)/20.0(-1.0)							
RETA4	4F13-02(04) 4E13-02(04)	i	TO TI	20.0 -2.0	-1.0 0.5	3.1	Q0 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D6 C6
				-2.0(0.5)/20.0(-1.0)							
RETA5	4F13-07(09) 4E13-05(07)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q1 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D6 C6
				-2.0(0.5)/20.0(-1.0)							
RETA6	4F13-10(12) 4E13-11(13)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q2 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D6 C6
				-2.0(0.5)/20.0(-1.0)							
RETA7	4F13-15(17) 4E13-14(16)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q3 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D6 C6
				-2.0(0.5)/20.0(-1.0)							
RETA8	4F12-02(04) 4E12-02(04)	i	TO TI	20.0 -2.0	-1.0 0.5	3.1	Q0 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D4 C4
				-2.0(0.5)/20.0(-1.0)							
RETA9	4F12-07(09) 4E12-05(07)	i	TO TI	20.0 -2.0	-1.0 0.5	3.2	Q1 INO	25S09 74S157	25S09 74S157	SPCW SPCW	D4 C4
				-2.0(0.5)/20.0(-1.0)							
SO	2D30-10(12)	\	TI	-2.0	0.5		SO	25S10	25S10	SHIFT0	B2
	2C26-10(12)	i	TI	-2.0	0.5	1.1	SO	25S10	25S10	SHIFT0	B1
	2C71-10(12)	i	TI	-2.0	0.5	1.5	SO	25S10	25S10	SHIFT0	D1
	2D25-10(12)	i	TI	-2.0	0.5	1.1	SO	25S10	25S10	SHIFT0	D2
	2D20-10(13)	i	TO	20.0	-1.0	1.6		74S02	74S020	SMCTL	D2
	2D10-10(12)	i	TI	-2.0	0.5	2.5	SO	25S10	25S10	SHIFT1	B2
	2C06-10(12)	i	TI	-2.0	0.5	1.1	SO	25S10	25S10	SHIFT1	B1
	2C01-10(12)	i	TI	-2.0	0.5	1.5	SO	25S10	25S10	SHIFT1	D1
	2D05-10(12)	i	TI	-2.0	0.5	1.1	SO	25S10	25S10	SHIFT1	D2
				-16.0(0.40)/20.0(-1.0)			22.0			OVERLOADED	2

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2106							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
S1	2D30-09(11)	\	TI	-2.0	0.5		S1	25S10	25S10	SHIFTO	B2
	2C20-09(11)	.1	TI	-2.0	0.5	1.1	S1	25S10	25S10	SHIFTO	B1
	2C21-09(11)	.1	TI	-2.0	0.5	1.5	S1	25S10	25S10	SHIFTO	D1
	2D25-09(11)	.1	TI	-2.0	0.5	1.1	S1	25S10	25S10	SHIFTO	D2
	2D20-13(16)	.1	TO	20.0	-1.0	2.0		74S02	74S020	SMCTL	D2
	2D10-09(11)	.1	TI	-2.0	0.5	2.1	S1	25S10	25S10	SHIFTO	B2
	2C06-09(11)	.1	TI	-2.0	0.5	1.1	S1	25S10	25S10	SHIFTO	B1
	2C01-09(11)	.1	TI	-2.0	0.5	1.5	S1	25S10	25S10	SHIFTO	D1
	2D05-09(11)	.1	TI	-2.0	0.5	1.1	S1	25S10	25S10	SHIFTO	D2
				-16.0(0.40)/20.0(-1.0)		22.0				OVERLOADED	___ 2
S2A	2F14-10(13)	\	TO	20.0	-1.0			74S02	74S020	SMCTL	C2
	2F24-10(12)	.1	TI	-2.0	0.5	2.7	S0	25S10	25S10	SHIFTO	D8
	2F23-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B8
	2F22-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D8
	2F21-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B8
	2F26-10(12)	.1	TI	-2.0	0.5	1.5	S0	25S10	25S10	SHIFTO	B4
	2F27-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D4
	2F28-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B5
	2F29-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D5
				-16.0(0.40)/20.0(-1.0)		20.1				OVERLOADED	___ 2
S2B	2F14-13(16)	\	TO	20.0	-1.0			74S02	74S020	SMCTL	C4
	2F09-10(12)	.1	TI	-2.0	0.5	1.1	S0	25S10	25S10	SHIFTO	D5
	2F08-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B5
	2F07-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D4
	2F06-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B4
	2F01-10(12)	.1	TI	-2.0	0.5	1.5	S0	25S10	25S10	SHIFTO	B6
	2F02-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D6
	2F03-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	B8
	2F04-10(12)	.1	TI	-2.0	0.5	.9	S0	25S10	25S10	SHIFTO	D8
				-16.0(0.40)/20.0(-1.0)		18.5				OVERLOADED	___ 2
S3A	2F14-01(04)	\	TO	20.0	-1.0			74S02	74S020	SMCTL	C2
	2F24-09(11)	.1	TI	-2.0	0.5	3.3	S1	25S10	25S10	SHIFTO	D8
	2F23-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B8
	2F22-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D6
	2F21-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B6
	2F26-09(11)	.1	TI	-2.0	0.5	1.5	S1	25S10	25S10	SHIFTO	B4
	2F27-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D4
	2F28-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B6
	2F29-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D5
				-16.0(0.40)/20.0(-1.0)		20.7				OVERLOADED	___ 2
S3B	2F14-04(07)	\	TO	20.0	-1.0			74S02	74S020	SMCTL	C4
	2F09-09(11)	.1	TI	-2.0	0.5	1.3	S1	25S10	25S10	SHIFTO	D6
	2F08-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B8
	2F07-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D4
	2F06-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B4
	2F01-09(11)	.1	TI	-2.0	0.5	1.5	S1	25S10	25S10	SHIFTO	B6
	2F02-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D6
	2F03-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	B8
	2F04-09(11)	.1	TI	-2.0	0.5	.9	S1	25S10	25S10	SHIFTO	D8
				-16.0(0.40)/20.0(-1.0)		18.7				OVERLOADED	___ 2
S4	2F29-13(15)	\	TI	-2.0	0.5		-OE	25S10	25S10	SHIFTO	D5
	2F27-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFTO	D4
	2F22-13(15)	.1	TI	-2.0	0.5	1.5	-OE	25S10	25S10	SHIFTO	D6
	2F24-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFTO	D8
	2F19-01(04)	.1	TO	20.0	-1.0	1.8		74S02	74S020	SMCTL	C2
	2F09-13(15)	.1	TI	-2.0	0.5	2.5	-OE	25S10	25S10	SHIFTO	D5
	2F07-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFTO	D4
	2F02-13(15)	.1	TI	-2.0	0.5	1.5	-OE	25S10	25S10	SHIFTO	D6
	2E04-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFTO	D8
				-16.0(0.40)/20.0(-1.0)		23.4				OVERLOADED	___ 2

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2106						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
-S4	2D16-03(06)	\	TO	20.0	-1.0		OUT	74S32	74S320	SMCTL	C4
	2E08-13(15)	.1	TI	-2.0	0.5	4.6	-OE	25S10	25S10	SHIFT1	B5
	2F03-13(15)	.1	TI	-2.0	0.5	1.5	-OE	25S10	25S10	SHIFT1	B8
	2F01-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFT1	B8
	2E06-13(15)	.1	TI	-2.0	0.5	1.5	-OE	25S10	25S10	SHIFT1	B4
	2E21-13(15)	.1	TI	-2.0	0.5	3.7	-OE	25S10	25S10	SHIFT0	B6
	2F23-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFT0	B8
	2E28-13(15)	.1	TI	-2.0	0.5	1.5	-OE	25S10	25S10	SHIFT0	B5
	2E26-13(15)	.1	TI	-2.0	0.5	1.4	-OE	25S10	25S10	SHIFT0	B4
					-16.0(0.40)/20.0(-1.0)			27.5			OVERLOADED
SA0	2E06-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT1	B4
	2F27-04(06)	.1	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT0	D4
	2C26-15(17)	.1	TOT	20.0	-0.50	5.1	Y0	25S10	25S10	SHIFT0	B1
				-4.0(0.10)/20.0(-0.50)			11.5				
SA1	2E08-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT1	B5
	2F29-04(06)	.1	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT0	D5
	2C26-14(16)	.1	TOT	20.0	-0.50	4.1	Y1	25S10	25S10	SHIFT0	B1
				-4.0(0.10)/20.0(-0.50)			10.5				
SA10	2C21-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT0	D1
	2F22-06(08)	.1	TI	-2.0	0.5	5.1	I2	25S10	25S10	SHIFT0	D6
	2F21-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT0	B6
	2E01-06(08)	.1	TI	-2.0	0.5	4.4	I2	25S10	25S10	SHIFT1	B6
	2E02-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT1	D6
				-8.0(0.20)/20.0(-1.0)			16.2				
SA11	2C21-11(13)	\	TOT	20.0	-0.50		Y3	25S10	25S10	SHIFT0	D1
	2F24-06(08)	.1	TI	-2.0	0.5	4.0	I2	25S10	25S10	SHIFT0	D8
	2F23-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT0	B8
	2E03-06(08)	.1	TI	-2.0	0.5	4.4	I2	25S10	25S10	SHIFT1	B8
	2E04-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT1	D8
				-8.0(0.20)/20.0(-0.50)			15.1				
SA12	2D25-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT0	D2
	2F27-07(09)	.1	TI	-2.0	0.5	4.7	I3	25S10	25S10	SHIFT0	D4
	2F26-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	B4
	2F06-07(09)	.1	TI	-2.0	0.5	4.4	I3	25S10	25S10	SHIFT1	B4
	2E07-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT1	D4
				-8.0(0.20)/20.0(-0.50)			15.8				
SA13	2F09-03(05)	\	TI	-2.0	0.5		I-1	25S10	25S10	SHIFT1	D5
	2F08-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT1	B5
	2F28-03(05)	.1	TI	-2.0	0.5	4.4	I-1	25S10	25S10	SHIFT0	B5
	2F29-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT0	D5
	2D25-14(16)	.1	TOT	20.0	-0.50	3.7	Y1	25S10	25S10	SHIFT0	D2
				-8.0(0.20)/20.0(-0.50)			14.8				
SA14	2D25-12(14)	\	TOT	20.0	-0.50		Y2	25S10	25S10	SHIFT0	D2
	2E22-07(09)	.1	TI	-2.0	0.5	4.4	I3	25S10	25S10	SHIFT0	D6
	2F21-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	B6
	2F01-07(09)	.1	TI	-2.0	0.5	4.4	I3	25S10	25S10	SHIFT1	B6
	2E02-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT1	D6
				-8.0(0.20)/20.0(-0.50)			15.5				
SA15	2F04-03(05)	\	TI	-2.0	0.5		I-1	25S10	25S10	SHIFT1	D8
	2F03-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT1	B8
	2E23-03(05)	.1	TI	-2.0	0.5	4.4	I-1	25S10	25S10	SHIFT0	B8
	2E24-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT0	D8
	2D25-11(13)	.1	TOT	20.0	-0.50	3.4	Y3	25S10	25S10	SHIFT0	D2
				-8.0(0.20)/20.0(-0.50)			14.5				

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2106						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SA16	2E26-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT0	B4
	2E07-04(06)	.I	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT1	D4
	2C06-15(17)	I	TOT	20.0	-0.50	5.1	Y0	25S10	25S10	SHIFT1	B1
				-4.0(0.10)/20.0(-0.50)			11.5				
SA17	2E28-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT0	B5
	2E09-04(06)	.I	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT1	D5
	2C06-14(16)	I	TOT	20.0	-0.50	4.1	Y1	25S10	25S10	SHIFT1	B1
				-4.0(0.10)/20.0(-0.50)			10.5				
SA18	2E21-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT0	B6
	2F07-04(06)	.I	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT1	D6
	2C06-12(14)	I	TOT	20.0	-0.50	5.2	Y2	25S10	25S10	SHIFT1	B1
				-4.0(0.10)/20.0(-0.50)			11.6				
SA19	2E23-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT0	B8
	2E04-04(06)	.I	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT1	D8
	2C06-11(13)	I	TOT	20.0	-0.50	4.3	Y3	25S10	25S10	SHIFT1	B1
				-4.0(0.10)/20.0(-0.50)			10.7				
SA2	2E01-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT1	B6
	2E22-04(06)	.I	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT0	D6
	2C26-12(14)	I	TOT	20.0	-0.50	5.2	Y2	25S10	25S10	SHIFT0	B1
				-4.0(0.10)/20.0(-0.50)			11.6				
SA20	2E26-05(07)	\	TI	-2.0	0.5		I1	25S10	25S10	SHIFT0	B4
	2E27-01(03)	.I	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT0	D4
	2E06-01(03)	I	TI	-2.0	0.5	4.9	I-3	25S10	25S10	SHIFT1	B4
	2F07-05(07)	.I	TI	-2.0	0.5	1.1	I1	25S10	25S10	SHIFT1	D4
	2D10-15(17)	I	TOT	20.0	-0.50	4.4	Y0	25S10	25S10	SHIFT1	B2
				-8.0(0.20)/20.0(-0.50)			16.0				
SA21	2E28-05(07)	\	TI	-2.0	0.5		I1	25S10	25S10	SHIFT0	B5
	2F29-01(03)	.I	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT0	D5
	2E08-01(03)	I	TI	-2.0	0.5	4.9	I-3	25S10	25S10	SHIFT1	B5
	2E09-05(07)	.I	TI	-2.0	0.5	1.1	I1	25S10	25S10	SHIFT1	D5
	2D10-14(16)	I	TOT	20.0	-0.50	3.4	Y1	25S10	25S10	SHIFT1	B2
				-8.0(0.20)/20.0(-0.50)			15.0				
SA22	2E21-05(07)	\	TI	-2.0	0.5		I1	25S10	25S10	SHIFT0	B6
	2F22-01(03)	.I	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT0	D6
	2F01-01(03)	I	TI	-2.0	0.5	4.9	I-3	25S10	25S10	SHIFT1	B6
	2F07-05(07)	.I	TI	-2.0	0.5	1.1	I1	25S10	25S10	SHIFT1	D6
	2D10-12(14)	I	TOT	20.0	-0.50	4.5	Y2	25S10	25S10	SHIFT1	B2
				-8.0(0.20)/20.0(-0.50)			16.1				
SA23	2E23-05(07)	\	TI	-2.0	0.5		I1	25S10	25S10	SHIFT0	B8
	2E24-01(03)	.I	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT0	D8
	2D10-11(13)	I	TOT	20.0	-0.50	4.5	Y3	25S10	25S10	SHIFT1	B2
	2E04-06(07)	.I	TI	-2.0	0.5	3.6	I1	25S10	25S10	SHIFT1	D8
	2E03-01(03)	I	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT1	B8
				-8.0(0.20)/20.0(-0.50)			14.8				
SA24	2C01-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT1	D1
	2F06-02(04)	.I	TI	-2.0	0.5	5.7	I-2	25S10	25S10	SHIFT1	B4
	2F07-06(08)	I	TI	-2.0	0.5	1.1	I2	25S10	25S10	SHIFT1	D4
	2F27-02(04)	.I	TI	-2.0	0.5	4.4	I-2	25S10	25S10	SHIFT0	D4
	2E26-06(08)	I	TI	-2.0	0.5	1.1	I2	25S10	25S10	SHIFT0	B4
				-8.0(0.20)/20.0(-0.50)			16.8				
SA25	2E28-06(08)	\	TI	-2.0	0.5		I2	25S10	25S10	SHIFT0	B5
	2F29-07(04)	.I	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT0	D5
	2F09-06(08)	I	TI	-2.0	0.5	4.4	I2	25S10	25S10	SHIFT1	D5
	2E08-02(04)	.I	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT1	B5
	2C01-14(16)	I	TOT	20.0	-0.50	4.7	Y1	25S10	25S10	SHIFT1	D1
				-8.0(0.20)/20.0(-0.50)			15.8				

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2106							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SA26	2E21-06(08)	\	TI	-2.0	0.5		I2	25S10	25S10	SHIFT0	B6
	2E22-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT0	D6
	2F01-02(04)	.1	TI	-2.0	0.5	4.9	I-2	25S10	25S10	SHIFT1	B6
	2F02-06(08)	.1	TI	-2.0	0.5	1.1	I2	25S10	25S10	SHIFT1	D6
	2C01-12(14)	i	TOT	20.0	-0.50	5.1	Y2	25S10	25S10	SHIFT1	D1
				-8.0(0.20)/20.0(-0.50) 16.7							
SA27	2E23-06(08)	\	TI	-2.0	0.5		I2	25S10	25S10	SHIFT0	B8
	2E24-02(04)	.1	TI	-2.0	0.5	1.1	I-2	25S10	25S10	SHIFT0	D8
	2F03-02(04)	.1	TI	-2.0	0.5	4.9	I-2	25S10	25S10	SHIFT1	B8
	2F04-06(08)	.1	TI	-2.0	0.5	1.1	I2	25S10	25S10	SHIFT1	D8
	2C01-11(13)	i	TOT	20.0	-0.50	4.0	Y3	25S10	25S10	SHIFT1	D1
				-8.0(0.20)/20.0(-0.50) 15.6							
SA28	2E26-07(09)	\	TI	-2.0	0.5		I3	25S10	25S10	SHIFT0	B4
	2F27-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	D4
	2F07-07(09)	.1	TI	-2.0	0.5	4.4	I3	25S10	25S10	SHIFT1	D4
	2F08-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT1	B4
	2D05-15(17)	i	TOT	20.0	-0.50	5.0	Y0	25S10	25S10	SHIFT1	D2
				-8.0(0.20)/20.0(-0.50) 16.1							
SA29	2E28-07(09)	\	TI	-2.0	0.5		I3	25S10	25S10	SHIFT0	B5
	2F29-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	D5
	2F09-07(09)	.1	TI	-2.0	0.5	4.4	I3	25S10	25S10	SHIFT1	D5
	2F08-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT1	B5
	2D05-14(16)	i	TOT	20.0	-0.50	4.0	Y1	25S10	25S10	SHIFT1	D2
				-8.0(0.20)/20.0(-0.50) 15.1							
SA3	2F03-04(06)	\	TI	-2.0	0.5		I0	25S10	25S10	SHIFT1	B8
	2F24-04(06)	.1	TI	-2.0	0.5	4.9	I0	25S10	25S10	SHIFT0	D8
	2C26-11(13)	i	TOT	20.0	-0.50	4.3	Y3	25S10	25S10	SHIFT0	B1
				-4.0(0.10)/20.0(-0.50) 10.7							
SA30	2F21-07(09)	\	TI	-2.0	0.5		I3	25S10	25S10	SHIFT0	B6
	2F27-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	D6
	2E01-03(05)	.1	TI	-2.0	0.5	4.9	I-1	25S10	25S10	SHIFT1	B6
	2F07-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT1	D6
	2D05-12(14)	i	TOT	20.0	-0.50	4.4	Y2	25S10	25S10	SHIFT1	D2
				-8.0(0.20)/20.0(-0.50) 16.0							
SA31	2F23-07(09)	\	TI	-2.0	0.5		I3	25S10	25S10	SHIFT0	B8
	2F24-03(05)	.1	TI	-2.0	0.5	1.1	I-1	25S10	25S10	SHIFT0	D8
	2F03-03(05)	.1	TI	-2.0	0.5	4.9	I-1	25S10	25S10	SHIFT1	B8
	2F04-07(09)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT1	D8
	2D05-11(13)	i	TOT	20.0	-0.50	3.4	Y3	25S10	25S10	SHIFT1	D2
				-8.0(0.20)/20.0(-0.50) 15.0							
SA4	2D30-15(17)	\	TOT	20.0	-0.50		Y0	25S10	25S10	SHIFT0	B2
	2F27-05(07)	.1	TI	-2.0	0.5	4.4	I1	25S10	25S10	SHIFT0	D4
	2F26-01(03)	.1	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT0	B4
	2F06-05(07)	.1	TI	-2.0	0.5	4.4	I1	25S10	25S10	SHIFT1	B4
	2E07-01(03)	i	TI	-2.0	0.5	1.1	I-3	25S10	25S10	SHIFT1	D4
				-8.0(0.20)/20.0(-0.50) 15.5							
SA5	2E09-01(03)	\	TI	-2.0	0.5		I-3	25S10	25S10	SHIFT1	D5
	2F08-05(07)	.1	TI	-2.0	0.5	1.1	I1	25S10	25S10	SHIFT1	B5
	2F28-01(03)	.1	TI	-2.0	0.5	4.4	I-3	25S10	25S10	SHIFT0	B5
	2F29-05(07)	.1	TI	-2.0	0.5	1.1	I3	25S10	25S10	SHIFT0	D5
	2D30-14(16)	i	TOT	20.0	-0.50	3.4	Y1	25S10	25S10	SHIFT0	B2
				-8.0(0.20)/20.0(-0.50) 14.5							

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2107									
SIGNAL	NAMF	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
	LOC(PIN#)												
SA6	2D30-12(14)	\	TOT	20.0	-0.50		Y2	26S10	26S10	SHIFT0	R2		
	2E22-05(07)	.i	TI	-2.0	0.5	4.5	I1	26S10	26S10	SHIFT0	D8		
	2F21-01(03)	.i	TI	-2.0	0.5	1.1	I-3	26S10	26S10	SHIFT0	B6		
	2F01-05(07)	.i	TI	-2.0	0.5	4.4	I1	26S10	26S10	SHIFT1	B6		
	2E02-01(03)	i	TI	-2.0	0.5	1.1	I-3	26S10	26S10	SHIFT1	D6		
				-8.0(0.20)/20.0(-0.50)			15.6						
SA7	2F04-01(03)	\	TI	-2.0	0.5		I-3	26S10	26S10	SHIFT1	D8		
	2F03-05(07)	.i	TI	-2.0	0.5	1.1	I1	26S10	26S10	SHIFT1	B8		
	2F23-01(03)	.i	TI	-2.0	0.5	4.4	I-3	26S10	26S10	SHIFT0	B8		
	2F24-05(07)	.i	TI	-2.0	0.5	1.1	I1	26S10	26S10	SHIFT0	D8		
	2D30-11(13)	i	TOT	20.0	-0.50	3.6	Y3	26S10	26S10	SHIFT0	B2		
					-8.0(0.20)/20.0(-0.50)			14.7					
SA8	2C21-15(17)	\	TOT	20.0	-0.50		Y0	26S10	26S10	SHIFT0	D1		
	2E27-06(08)	.i	TI	-2.0	0.5	5.3	I2	26S10	26S10	SHIFT0	D4		
	2F20-02(04)	.i	TI	-2.0	0.5	1.1	I-2	26S10	26S10	SHIFT0	B4		
	2E06-06(08)	.i	TI	-2.0	0.5	4.4	I2	26S10	26S10	SHIFT1	B4		
	2E07-02(04)	i	TI	-2.0	0.5	1.1	I-2	26S10	26S10	SHIFT1	D4		
				-8.0(0.20)/20.0(-0.50)			16.4						
SA9	2C21-14(16)	\	TOT	20.0	-0.50		Y1	26S10	26S10	SHIFT0	D1		
	2F20-06(08)	.i	TI	-2.0	0.5	4.3	I2	26S10	26S10	SHIFT0	D5		
	2F28-02(04)	.i	TI	-2.0	0.5	1.1	I-2	26S10	26S10	SHIFT0	B5		
	2F08-06(08)	.i	TI	-2.0	0.5	4.4	I2	26S10	26S10	SHIFT1	B5		
	2E09-02(04)	i	TI	-2.0	0.5	1.1	I-2	26S10	26S10	SHIFT1	D5		
				-8.0(0.20)/20.0(-0.50)			15.4						
SEQUENCE BREAK	3E18-09(12)	\	TI	-2.0	0.5		IN	74S32	74S32	FLAG	B3	FLAG	D2
	3E08-14	.i	TOT	12.0	-2.60	2.8	Y3	25LS2519	25LS2519	LC	D3		
	1A16-13	i	TI	-0.40	0.5	17.7	IN7	74S241	74S241				
				-2.40(0.10)/12.0(-2.60)			22.0						
SET. RD. IN. PROGRESS	1F25-09(11)	.	TO	20.0	-1.0		OUT	9S42	9S42-1	VCTL1	D1		
	1D21-12(15)	i	TI	-2.0	0.5	1.3	D2	74S74	74S74	VCIL1	D2		
				-2.0(0.5)/20.0(-1.0)									
-SH3	2F30-03(06)	.	TI	-2.0	0.5			74S02	74S020	SMCIL	A2		
	2F14-05(08)	.i	TI	-2.0	0.5	3.6		74S02	74S020	SMCIL	C4		
	2F14-03(06)	.i	TI	-2.0	0.5	.6		74S02	74S020	SMCIL	C2		
	2F05-08(11)	i	TO	20.0	-1.0	2.3		74S86	74S86	LCC	B8		
				-6.0(0.15)/20.0(-1.0)			9.5						
-SH4	2E30-06(09)	.	TI	-2.0	0.5			74S02	74S020	SMCIL	A2		
	2F19-03(08)	.i	TI	-2.0	0.5	3.0		74S02	74S020	SMCIL	C2		
	2F05-03(06)	.i	TO	20.0	-1.0	3.8		74S86	74S86	LCC	A8		
	2D15-01(04)	i	TI	-2.0	0.5	3.8	IN	74S32	74S320	SMCIL	C4		
				-6.0(0.15)/20.0(-1.0)			13.6						
SINT	4D09-08(11)	\	TO	20.0	-1.0			74S08	74S08	FLAG	C2		
	3F18-05(08)	.i	TI	-2.0	0.5	7.2	IN	74S32	74S32	FLAG	B4		
	3E18-10(13)	i	TI	-2.0	0.5	.7	IN	74S32	74S32	FLAG	B3		
				-4.0(0.10)/20.0(-1.0)			9.4						
SINTR	4D09-10(13)	.	TIS	-2.0	0.5			74S08	74S08	FLAG	C2		
	3E12-07(09)	i	TO	20.0	-1.0	8.1	2Q	74S175	74S175	LCC	C4		
				-2.0(0.5)/20.0(-1.0)									
SPCO	4F26-11(13)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7		
	4F20-19	.i	TOT	20.0	-6.50	3.9	O7	74S373	74S373	SPCLCH	B4		
	4E18-03	.i	TOT	64.0	-15.0	2.5	OUT5	74S241	74S241	SPCLCH	D4		
	4E02-10(12)	i	TI	-2.0	0.5	3.3	D0	74S153	74S153	NPC	C7		
					-2.80(0.7)/20.0(-6.50)			12.7					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2107							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPC1	4F26-12(14)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F20-16	.i	TOT	20.0	-6.50	3.6	Q6	74S373	74S373	SPCLCH	B4
	4E18-05	.i	TOT	64.0	-15.0	2.4	OU16	74S241	74S241	SPCLCH	D4
	4E03-02(05)	i	TI	-2.0	0.5	4.8	IN	74S32	74S32	LCC	D1
				-2.80(0.7)/20.0(-6.50)			12.7				
SPC10	4F26-06(08)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F19-16	.i	TOT	20.0	-6.50	3.1	Q5	74S373	74S373	SPCLCH	B2
	4F17-07	.i	TOT	64.0	-15.0	2.5	OUT7	74S241	74S241	SPCLCH	D2
	4F02-10(12)	i	TI	-2.0	0.5	4.8	D0	74S153	74S153	NPC	C2
				-2.80(0.7)/20.0(-6.50)			13.4				
SPC11	4F02-06(08)	.	TI	-2.0	0.5		D0	74S153	74S153	NPC	C2
	4E17-09	.i	TOT	64.0	-15.0	4.8	OUT8	74S241	74S241	SPCLCH	D2
	4F19-12	.i	TOT	20.0	-6.50	2.4	Q4	74S373	74S373	SPCLCH	R2
	4F21-11(13)	i	TI	-0.80	0.2	2.3	I	93S48	93S48	SPCPAR	C5
				-2.80(0.7)/20.0(-6.50)			12.5				
SPC12	4F01-10(12)	.	TI	-2.0	0.5		D0	74S153	74S153	NPC	C1
	4F21-12(14)	.i	TI	-0.80	0.2	4.6	I	93S48	93S48	SPCPAR	C5
	4F19-09	.i	TOT	20.0	-6.50	2.5	Q3	74S373	74S373	SPCLCH	B2
	4E17-12	i	TOT	64.0	-15.0	1.8	OU14	74S241	74S241	SPCLCH	D2
				-2.80(0.7)/20.0(-6.50)			11.9				
SPC13	4F01-06(08)	.	TI	-2.0	0.5		D0	74S153	74S153	NPC	C1
	4F21-13(15)	.i	TI	-0.80	0.2	4.7	I	93S48	93S48	SPCPAR	C5
	4F19-06	.i	TOT	20.0	-6.50	2.6	Q2	74S373	74S373	SPCLCH	B2
	4E17-14	i	TOT	64.0	-15.0	1.9	OU13	74S241	74S241	SPCLCH	D2
				-2.80(0.7)/20.0(-6.50)			12.2				
SPC14	3E07-09(12)	\	TIS	-2.0	0.5			74S00	74S00	LCC	A1
	4D09-04(07)	.i	IIS	-2.0	0.5	9.6		74S08	74S08	LCC	C1
	4E17-16	.i	TOT	64.0	-15.0	4.9	OUT2	74S241	74S241	SPCLCH	D2
	4F19-05	.i	TOT	20.0	-6.50	1.8	Q1	74S373	74S373	SPCLCH	B2
	4F21-14(16)	i	TI	-0.80	0.2	2.6	I	93S48	93S48	SPCPAR	C5
				-4.80(0.12)/20.0(-6.50)			23.4				
SPC15	4F21-15(17)	\	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C5
	4F19-02	.i	TOT	20.0	-6.50	2.7	Q0	74S373	74S373	SPCLCH	B2
	4E17-18	i	TOT	64.0	-15.0	1.9	OU11	74S241	74S241	SPCLCH	D2
				-0.80(0.2)/20.0(-6.50)			6.1				
SPC16	4F21-01(03)	\	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C5
	4F18-19	.i	TOT	20.0	-6.50	1.8	Q7	74S373	74S373	SPCLCH	B1
	4E16-03	i	TOT	64.0	-15.0	2.5	OUT5	74S241	74S241	SPCLCH	D1
				-0.80(0.2)/20.0(-6.50)			5.8				
SPC17	4F21-02(04)	\	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C5
	4F18-16	.i	TOT	20.0	-6.50	1.7	Q6	74S373	74S373	SPCLCH	B1
	4E16-05	i	TOT	64.0	-15.0	2.4	OU16	74S241	74S241	SPCLCH	D1
				-0.80(0.2)/20.0(-6.50)			5.6				
SPC18	4F21-03(05)	\	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C5
	4F18-15	.i	TOT	20.0	-6.50	1.7	Q5	74S373	74S373	SPCLCH	B1
	4E16-07	i	TOT	64.0	-15.0	2.5	OU17	74S241	74S241	SPCLCH	D1
				-0.80(0.2)/20.0(-6.50)			5.7				
SPC1A	4E03-03(06)	.	TO	20.0	-1.0		OUT	74S32	74S32	LCC	D1
	4E02-06(08)	i	TI	-2.0	0.5	1.0	D0	74S153	74S153	NPC	C7
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2107							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPC2	4F26-13(16)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F20-15	.i	TOT	20.0	-6.50	3.4	Q5	74S373	74S373	SPCLCH	B4
	4E18-07	.i	TOT	64.0	-15.0	2.5	OU17	74S241	74S241	SPCLCH	D4
	4E01-10(12)	i	TI	-2.0	0.5	3.8	D0	74S153	74S153	NPC	C6
				-2.80(0.7)/20.0(-6.50)			12.7				
SPC3	4F26-14(16)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F20-12	.i	TOT	20.0	-6.50	3.1	Q4	74S373	74S373	SPCLCH	B4
	4E18-09	.i	TOT	64.0	-15.0	2.4	OU18	74S241	74S241	SPCLCH	D4
	4E01-06(08)	i	TI	-2.0	0.5	4.0	D0	74S153	74S153	NPC	C6
				-2.80(0.7)/20.0(-6.50)			12.5				
SPC4	4F05-10(12)	.	TI	-2.0	0.5		D0	74S153	74S153	NPC	C5
	4F18-12	.i	TOT	64.0	-15.0	4.2	OUT4	74S241	74S241	SPCLCH	D4
	4F20-09	.i	TOT	20.0	-6.50	1.8	Q3	74S373	74S373	SPCLCH	B4
	4F26-15(17)	i	TI	-0.80	0.2	3.3	I	93S48	93S48	SPCPAR	C7
				-2.80(0.7)/20.0(-6.50)			12.3				
SPC5	4F26-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F20-06	.i	TOT	20.0	-6.50	3.2	Q2	74S373	74S373	SPCLCH	B4
	4E18-14	.i	TOT	64.0	-15.0	1.9	OU13	74S241	74S241	SPCLCH	D4
	4F05-06(08)	i	TI	-2.0	0.5	3.9	D0	74S153	74S153	NPC	C5
				-2.80(0.7)/20.0(-6.50)			12.0				
SPC6	4F04-10(12)	.	TI	-2.0	0.5		D0	74S153	74S153	NPC	C4
	4E18-16	.i	TOT	64.0	-15.0	4.1	OU12	74S241	74S241	SPCLCH	D4
	4F20-05	.i	TOT	20.0	-6.50	1.8	Q1	74S373	74S373	SPCLCH	B4
	4F26-02(04)	i	TI	-0.80	0.2	3.3	I	93S48	93S48	SPCPAR	C7
				-2.80(0.7)/20.0(-6.50)			12.2				
SPC7	4F26-03(05)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4F20-02	.i	TOT	20.0	-6.50	3.7	Q0	74S373	74S373	SPCLCH	B4
	4E18-18	.i	TOT	64.0	-15.0	1.9	OU11	74S241	74S241	SPCLCH	D4
	4F04-06(08)	i	TI	-2.0	0.5	3.8	D0	74S153	74S153	NPC	C4
				-2.80(0.7)/20.0(-6.50)			12.4				
SPC8	4F26-04(06)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4E19-19	.i	TOT	20.0	-6.50	3.3	Q7	74S373	74S373	SPCLCH	B2
	4E17-03	.i	TOT	64.0	-15.0	2.5	OU15	74S241	74S241	SPCLCH	D2
	4F03-10(12)	i	TI	-2.0	0.5	4.1	D0	74S153	74S153	NPC	C3
				-2.80(0.7)/20.0(-6.50)			12.9				
SPC9	4F26-05(07)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7
	4E19-10	.i	TOT	20.0	-6.50	3.1	Q6	74S373	74S373	SPCLCH	B2
	4E17-05	.i	TOT	64.0	-15.0	2.4	OU16	74S241	74S241	SPCLCH	D2
	4F03-06(08)	i	TI	-2.0	0.5	4.2	D0	74S153	74S153	NPC	C3
				-2.80(0.7)/20.0(-6.50)			12.7				
-SPCCRY	4F28-10(12)	.	TI	-4.0	0.10		-ENBT	74S169	74S169	SPC	B8
	4F23-15(17)	i	TO	20.0	-1.0	2.0	-CO	74S169	74S169	SPC	B6
				-4.0(0.10)/20.0(-1.0)							
SPCDRIVE	4H10-19	.	TI	-2.0	0.5		ENB	74S241	74S241	SPCLCH	D8
	3D21-08(11)	i	TO	20.0	-1.0	9.1		74S08	74S08	CONTRL	B7
				-2.0(0.5)/20.0(-1.0)							
-SPCDRIVE	3D28-06(09)	\	TO	20.0	-1.0			74S00	74S00	CONTRL	B8
	4H10-01	.i	TI	-2.0	0.5	7.5	-ENB	74S241	74S241	SPCLCH	D8
	4A07-01	.i	TI	-0.25	0.5	1.6	-OE	74S373	74S373	SPCLCH	B5
	4A09-01	.i	TI	-0.25	0.5	1.4	-OE	74S373	74S373	SPCLCH	B7
	4A10-01	i	TI	-0.25	0.5	.9	-OE	74S373	74S373	SPCLCH	B8
				-2.75(0.20)/20.0(-1.0)			15.9				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2107								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
SPCENB	3F14-09(12)	i	TI	-2.0	0.5				74S02	74S02	MF	D3
	3D21-09(12)		TIS	-2.0	0.5	4.9			74S08	74S08	CONTRL	B7
	3D28-04(07)		TIS	-2.0	0.5	2.0			74S00	74S00	CONTRL	B8
	3D28-03(06)		TI	20.0	-1.0	BARE			74S00	74S000	CONTRL	A7
				-6.0(0.15)/20.0(-1.0)			10.0					
SPCMUNG	4F03-01(04)	i	TI	-2.0	0.5				74S32	74S32	LCC	D1
	4D09-06(09)		TO	20.0	-1.0	4.0		IN	74S08	74S08	LCC	C1
				-2.0(0.5)/20.0(-1.0)								
-SPCNT	4F23-10(12)	i	TI	-4.0	0.10				74S169	74S169	SPC	B6
	4D09-03(06)		TO	20.0	-1.0	7.6		-ENBT	74S08	74S080	CONTRL	B7
				-4.0(0.10)/20.0(-1.0)								
SPC00	4A10-18	i	TI	-0.25	0.5			D7	74S373	74S373	SPCLCH	B8
	4F29-19		TOP		-2.50	12.8			RFS20	RFS20	SPC	D8
	4E28-07(09)		TOC	40.0		1.2		Q0	82S21	82S21	SPC	D5
	4F20-18		TI	-0.25	0.5	3.9		D7	74S373	74S373	SPCLCH	H4
				-0.50(0.10)/40.0(-2.50)			20.9					
SPC01	4A10-17	i	TI	-0.25	0.5			D6	74S373	74S373	SPCLCH	B8
	4F29-18		TOP		-2.50	12.8			RFS20	RFS20	SPC	D8
	4E28-09(11)		TOC	40.0		1.3		Q1	82S21	82S21	SPC	D5
	4F20-17		TI	-0.25	0.5	3.7		D8	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			20.8					
SPC010	4A09-14	i	TI	-0.25	0.5			D5	74S373	74S373	SPCLCH	B7
	4F24-19		TOP		-2.50	11.9			RFS20	RFS20	SPC	D7
	4E23-07(08)		TOC	40.0		1.2		Q0	82S21	82S21	SPC	B5
	4F19-14		TI	-0.25	0.5	3.3		D5	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.4					
SPC011	4A09-13	i	TI	-0.25	0.5			D4	74S373	74S373	SPCLCH	B7
	4F24-18		TOP		-2.50	11.9			RFS20	RFS20	SPC	D7
	4E23-09(11)		TOC	40.0		1.3		Q1	82S21	82S21	SPC	B5
	4F19-13		TI	-0.25	0.5	3.0		D4	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.2					
SPC012	4A09-08	i	TI	-0.25	0.5			D3	74S373	74S373	SPCLCH	B7
	4F24-17		TOP		-2.50	12.2			RFS20	RFS20	SPC	D7
	4E22-07(09)		TOC	40.0		1.3		Q0	82S21	82S21	SPC	B4
	4F19-08		TI	-0.25	0.5	2.5		D3	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.0					
SPC013	4A09-07	i	TI	-0.25	0.5			D2	74S373	74S373	SPCLCH	B7
	4E24-16		TOP		-2.50	12.2			RFS20	RFS20	SPC	D7
	4E22-09(11)		TOC	40.0		1.6		Q1	82S21	82S21	SPC	B4
	4F19-07		TI	-0.25	0.5	2.4		D2	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.2					
SPC014	4A09-04	i	TI	-0.25	0.5			D1	74S373	74S373	SPCLCH	B7
	4E24-15		TOP		-2.50	12.3			RFS20	RFS20	SPC	D7
	4F21-07(09)		TOC	40.0		1.7		Q0	82S21	82S21	SPC	B3
	4F19-04		TI	-0.25	0.5	2.4		D1	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.4					
SPC015	4A09-03	i	TI	-0.25	0.5			D0	74S373	74S373	SPCLCH	B7
	4E24-06		TOP		-2.50	12.1			RFS20	RFS20	SPC	D7
	4E21-09(11)		TOC	40.0		2.3		Q1	82S21	82S21	SPC	B3
	4F19-03		TI	-0.25	0.5	2.5		D0	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			19.9					

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2107					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPC016	4A07-18	.	TI	-0.25	0.5		D7	74S373	74S373	SPCLCH	B5
	4E24-05	.i	TOP		-2.50	10.8		RF520	RF520	SPC	D7
	4F25-07(09)	.i	IOC	40.0		2.7	Q0	82S21	82S21	SPC	B2
	4F18-18	.i	TI	-0.25	0.5	2.6	D7	74S373	74S373	SPCLCH	B1
				-0.50(0.10)/40.0(-2.50)			19.1				
SPC017	4A07-17	.	TI	-0.25	0.5		D6	74S373	74S373	SPCLCH	B5
	4E24-04	.i	TOP		-2.50	10.8		RF520	RF520	SPC	D7
	4F25-09(11)	.i	IOC	40.0		3.0	Q1	82S21	82S21	SPC	B2
	4F18-17	.i	TI	-0.25	0.5	2.4	D6	74S373	74S373	SPCLCH	B1
				-0.50(0.10)/40.0(-2.50)			19.2				
SPC018	4A07-14	.	TI	-0.25	0.5		D6	74S373	74S373	SPCLCH	B5
	4E24-03	.i	TOP		-2.50	10.6		RF520	RF520	SPC	D7
	4F24-07(09)	.i	IOC	40.0		3.2	Q0	82S21	82S21	SPC	B1
	4F18-14	.i	TI	-0.25	0.5	2.0	D6	74S373	74S373	SPCLCH	B1
				-0.50(0.10)/40.0(-2.50)			18.8				
SPC02	4A10-14	.	TI	-0.25	0.5		D5	74S373	74S373	SPCLCH	B8
	4E29-17	.i	TOP		-2.50	12.7		RF520	RF520	SPC	D8
	4E27-07(09)	.i	IOC	40.0		1.3	Q0	82S21	82S21	SPC	D4
	4F20-14	.i	TI	-0.25	0.5	3.3	D5	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			20.3				
SPC03	4A10-13	.	TI	-0.25	0.5		D4	74S373	74S373	SPCLCH	B8
	4E29-16	.i	TOP		-2.50	12.7		RF520	RF520	SPC	D8
	4E27-09(11)	.i	IOC	40.0		1.6	Q1	82S21	82S21	SPC	D4
	4F20-13	.i	TI	-0.25	0.5	3.1	D4	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			20.4				
SPC04	4A10-08	.	TI	-0.25	0.5		D3	74S373	74S373	SPCLCH	B8
	4E29-15	.i	TOP		-2.50	13.0		RF520	RF520	SPC	D8
	4E26-07(09)	.i	IOC	40.0		1.7	Q0	82S21	82S21	SPC	D3
	4F20-08	.i	TI	-0.25	0.5	2.9	D3	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			20.6				
SPC05	4A10-07	.	TI	-0.25	0.5		D2	74S373	74S373	SPCLCH	B8
	4E29-06	.i	TOP		-2.50	12.8		RF520	RF520	SPC	D8
	4F26-09(11)	.i	IOC	40.0		2.3	Q1	82S21	82S21	SPC	D3
	4F20-07	.i	TI	-0.25	0.5	3.0	D2	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			21.1				
SPC06	4A10-04	.	TI	-0.25	0.5		D1	74S373	74S373	SPCLCH	B8
	4E29-05	.i	TOP		-2.50	12.9		RF520	RF520	SPC	D8
	4F30-07(09)	.i	IOC	40.0		2.7	Q0	82S21	82S21	SPC	D2
	4F20-04	.i	TI	-0.25	0.5	3.1	D1	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			21.7				
SPC07	4A10-03	.	TI	-0.25	0.5		D0	74S373	74S373	SPCLCH	B8
	4E29-04	.i	TOP		-2.50	12.9		RF520	RF520	SPC	D8
	4F30-09(11)	.i	IOC	40.0		3.0	Q1	82S21	82S21	SPC	D2
	4F20-03	.i	TI	-0.25	0.5	3.4	D0	74S373	74S373	SPCLCH	B4
				-0.50(0.10)/40.0(-2.50)			22.3				
SPC08	4A09-18	.	TI	-0.25	0.5		D7	74S373	74S373	SPCLCH	B7
	4E29-03	.i	TOP		-2.50	12.1		RF520	RF520	SPC	D8
	4E29-07(09)	.i	IOC	40.0		3.2	Q0	82S21	82S21	SPC	D1
	4F19-18	.i	TI	-0.25	0.5	3.3	D7	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			21.6				
SPC09	4A09-17	.	TI	-0.25	0.5		D6	74S373	74S373	SPCLCH	B7
	4E29-02	.i	TOP		-2.50	12.0		RF520	RF520	SPC	D8
	4F29-09(11)	.i	IOC	40.0		3.6	Q1	82S21	82S21	SPC	D1
	4F19-17	.i	TI	-0.25	0.5	3.2	D6	74S373	74S373	SPCLCH	B2
				-0.50(0.10)/40.0(-2.50)			21.8				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2107								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
SPCOPAR	4F18-13	\	TI	-0.25	0.5		D4	74S373	74S373	SPCLCH	B1	
	4F24-09(11)	.i	TOC	40.0		1.8	Q1	82S21	82S21	SPC	B1	
	4E24-02	i	TOP		-2.50	3.6		RES20	RES20	SPC	D7	
				-0.25(0.5)/40.0(-2.50)		6.9						
SPCPAR	4F21-04(06)	\	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C5	
	4F18-12	.i	TOT	20.0	-6.50	1.5	Q4	74S373	74S373	SPCLCH	B1	
	4E16-09	i	TOT	64.0	-15.0	2.4	OUT8	74S241	74S241	SPCLCH	D1	
				-0.80(0.2)/20.0(-6.50)		5.4						
SPCPARH	4F26-07(09)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C7	
	4F21-09(11)	i	TO	20.0	-1.0	1.5	E	93S48	93S48	SPCPAR	C5	
				-0.80(0.2)/20.0(-1.0)								
SPCPAROK	4EJ1-10	.					CON		CPTNS	B8		
	4F26-09(11)	i	TO	20.0	-1.0	8.2	E	93S48	93S48	SPCPAR	C7	
				0.0/20.0								
-SPCPASS	3D28-08(11)	.	TO	20.0	-1.0			74S00	74S00	CONTRL	A6	
	4F20-01	.i	TI	-0.25	0.5	6.9	-OE	74S373	74S373	SPCLCH	B4	
	4F19-01	.i	TI	-0.25	0.5	.9	-OE	74S373	74S373	SPCLCH	B2	
	4F18-01	i	TI	-0.25	0.5	.9	-OE	74S373	74S373	SPCLCH	B1	
				-0.75(0.15)/20.0(-1.0)		11.7						
SPCPTR0	4D10-17	.	TI	-0.40	0.5		IN5	74S241	74S241	SPCLCH	D8	
	4F23-13(15)	.i	TI	-1.60	0.2	10.4	A0	82S21	82S21	SPC	B5	
	4E22-13(15)	.i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	B4	
	4F21-13(15)	.i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	B3	
	4F25-13(15)	.i	TI	-1.60	0.2	1.1	A0	82S21	82S21	SPC	B2	
	4F24-13(15)	.i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	B1	
	4F23-14(16)	.i	TO	20.0	-1.0	1.0	QA	74S169	74S169	SPC	B6	
	4F29-13(15)	.i	TI	-1.60	0.2	1.7	A0	82S21	82S21	SPC	D1	
	4F30-13(15)	.i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	D2	
	4F26-13(15)	.i	TI	-1.60	0.2	1.1	A0	82S21	82S21	SPC	D3	
	4F27-13(15)	.i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	D4	
	4E28-13(15)	i	TI	-1.60	0.2	.9	A0	82S21	82S21	SPC	D5	
					-16.40(0.25)/20.0(-1.0)		35.7	OVERLOADED ____ 2				
	SPCPTR1	4B10-15	.	TI	-0.40	0.5		IN6	74S241	74S241	SPCLCH	D8
4F23-12(14)		.i	TI	-1.60	0.2	10.4	A1	82S21	82S21	SPC	B5	
4F22-12(14)		.i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	B4	
4F21-12(14)		.i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	B3	
4F25-12(14)		.i	TI	-1.60	0.2	1.1	A1	82S21	82S21	SPC	B2	
4F24-12(14)		.i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	B1	
4F23-13(15)		.i	TO	20.0	-1.0	1.0	QB	74S169	74S169	SPC	B6	
4F29-12(14)		.i	TI	-1.60	0.2	1.7	A1	82S21	82S21	SPC	D1	
4F30-12(14)		.i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	D2	
4E26-12(14)		.i	TI	-1.60	0.2	1.1	A1	82S21	82S21	SPC	D3	
4F27-12(14)		.i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	D4	
4E28-12(14)		i	TI	-1.60	0.2	.9	A1	82S21	82S21	SPC	D5	
				-16.40(0.25)/20.0(-1.0)		35.7	OVERLOADED ____ 2					
SPCPTR2		4B10-13	.	TI	-0.40	0.5		IN7	74S241	74S241	SPCLCH	D8
	4E23-11(13)	.i	TI	-1.60	0.2	10.4	A2	82S21	82S21	SPC	B5	
	4F22-11(13)	.i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	B4	
	4F21-11(13)	.i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	B3	
	4F25-11(13)	.i	TI	-1.60	0.2	1.1	A2	82S21	82S21	SPC	B2	
	4F24-11(13)	.i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	B1	
	4F23-12(14)	.i	TO	20.0	-1.0	1.0	QC	74S169	74S169	SPC	B6	
	4F29-11(13)	.i	TI	-1.60	0.2	1.7	A2	82S21	82S21	SPC	D1	
	4F30-11(13)	.i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	D2	
	4E26-11(13)	.i	TI	-1.60	0.2	1.1	A2	82S21	82S21	SPC	D3	
	4F27-11(13)	.i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	D4	
	4E28-11(13)	i	TI	-1.60	0.2	.9	A2	82S21	82S21	SPC	D5	
					-16.40(0.25)/20.0(-1.0)		35.7	OVERLOADED ____ 2				

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80 2108								
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
SPCPTR3	4B10-11	.	TI	-0.40	0.5		IN8	74S241	74S241	SPCLCH	D8	
	4E23-10(12)	.i	TI	-1.60	0.2	10.3	A3	82S21	82S21	SPC	B5	
	4E22-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	B4	
	4E21-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	B3	
	4E25-10(12)	.i	TI	-1.60	0.2	1.1	A3	82S21	82S21	SPC	B2	
	4F24-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	B1	
	4F23-11(13)	.i	TO	20.0	-1.0	1.0	QD	74S169	74S169	SPC	B6	
	4F29-10(12)	.i	TI	-1.60	0.2	1.7	A3	82S21	82S21	SPC	D1	
	4F30-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	D2	
	4E26-10(12)	.i	TI	-1.60	0.2	1.1	A3	82S21	82S21	SPC	D3	
	4E27-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	D4	
	4E28-10(12)	.i	TI	-1.60	0.2	.9	A3	82S21	82S21	SPC	D5	
				-16.40(0.25)/20.0(-1.0)			35.6				OVERLOADED	2
SPCPTR4	4B10-08	.	TI	-0.40	0.5		IN4	74S241	74S241	SPCLCH	D8	
	4E23-04(06)	.i	TI	-1.60	0.2	10.3	A4	82S21	82S21	SPC	B5	
	4E22-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	B4	
	4E21-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	B3	
	4E25-04(06)	.i	TI	-1.60	0.2	1.1	A4	82S21	82S21	SPC	B2	
	4F24-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	B1	
	4F28-14(16)	.i	TO	20.0	-1.0	1.7	QA	74S169	74S169	SPC	B8	
	4F29-04(06)	.i	TI	-1.60	0.2	1.3	A4	82S21	82S21	SPC	D1	
	4F30-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	D2	
	4F26-04(06)	.i	TI	-1.60	0.2	1.1	A4	82S21	82S21	SPC	D3	
	4E27-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	D4	
	4E28-04(06)	.i	TI	-1.60	0.2	.9	A4	82S21	82S21	SPC	D5	
				-16.40(0.25)/20.0(-1.0)			35.9				OVERLOADED	2
SPCW0	4F17-11(13)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3	
	4E28-03(05)	.i	TI	-1.60	0.2	4.4	IO	82S21	82S21	SPC	D5	
	4E18-17	.i	TI	-0.40	0.5	2.8	IN5	74S241	74S241	SPCLCH	D4	
	4E14-04(06)	.i	TO	20.0	-1.0	1.7	OUT	74S157	74S157	SPCW	C8	
				-2.80(0.9)/20.0(-1.0)			11.9					
SPCW1	4F17-12(14)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3	
	4E28-14(16)	.i	TI	-1.60	0.2	4.2	I1	82S21	82S21	SPC	D5	
	4E18-15	.i	TI	-0.40	0.5	2.5	IN6	74S241	74S241	SPCLCH	D4	
	4E14-07(09)	.i	TO	20.0	-1.0	1.6	OUT	74S157	74S157	SPCW	C8	
				-2.80(0.9)/20.0(-1.0)			11.3					
SPCW10	4F17-06(08)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3	
	4F12-09(11)	.i	TO	20.0	-1.0	3.0	OUT	74S157	74S157	SPCW	C4	
	4F17-13	.i	TI	-0.40	0.5	1.3	IN7	74S241	74S241	SPCLCH	D2	
	4E23-03(05)	.i	TI	-1.60	0.2	1.6	IO	82S21	82S21	SPC	B5	
				-2.80(0.9)/20.0(-1.0)			8.9					
SPCW11	4F17-07(09)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3	
	4E12-12(14)	.i	TO	20.0	-1.0	3.2	OUT	74S157	74S157	SPCW	C4	
	4F17-11	.i	TI	-0.40	0.5	1.8	IN8	74S241	74S241	SPCLCH	D2	
	4E23-14(16)	.i	TI	-1.60	0.2	1.2	I1	82S21	82S21	SPC	B5	
				-2.80(0.9)/20.0(-1.0)			9.2					
SPCW12	4F16-11(13)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1	
	4E11-04(06)	.i	TO	20.0	-1.0	3.7	OUT	74S157	74S157	SPCW	C3	
	4F17-08	.i	TI	-0.40	0.5	1.8	IN4	74S241	74S241	SPCLCH	D2	
	4E22-03(05)	.i	TI	-1.60	0.2	1.2	IO	82S21	82S21	SPC	B4	
				-2.80(0.9)/20.0(-1.0)			9.7					
SPCW13	4F16-12(14)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1	
	4E11-07(09)	.i	TO	20.0	-1.0	3.8	OUT	74S157	74S157	SPCW	C3	
	4E17-06	.i	TI	-0.40	0.5	1.4	IN3	74S241	74S241	SPCLCH	D2	
	4E22-14(16)	.i	TI	-1.60	0.2	1.5	I1	82S21	82S21	SPC	B4	
				-2.80(0.9)/20.0(-1.0)			9.5					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2109							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPCW14	4F16-13(15)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1
	4E11-09(11)	i	TO	20.0	-1.0	3.2	OUT	74S157	74S157	SPCW	C3
	4F17-04	i	TI	-0.40	0.5	1.4	IN2	74S241	74S241	SPCLCH	D2
	4E21-03(05)	i	TI	-1.60	0.2	1.7	IO	82S21	82S21	SPC	B3
				-2.80(0.9)/20.0(-1.0)			9.3				
SPCW15	4F16-14(16)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1
	4E11-12(14)	i	IO	20.0	-1.0	3.3	OUT	74S157	74S157	SPCW	C3
	4E17-02	i	TI	-0.40	0.5	1.4	IN1	74S241	74S241	SPCLCH	D2
	4E21-14(16)	i	TI	-1.60	0.2	2.1	II	82S21	82S21	SPC	B3
				-2.80(0.9)/20.0(-1.0)			9.8				
SPCW16	4F16-15(17)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1
	4F15-04(06)	i	TO	20.0	-1.0	2.9	OUT	74S157	74S157	SPCW	C1
	4E16-17	i	TI	-0.40	0.5	1.4	IN5	74S241	74S241	SPCLCH	D1
	4E25-03(05)	i	TI	-1.60	0.2	1.7	IO	82S21	82S21	SPC	B2
				-2.80(0.9)/20.0(-1.0)			9.0				
SPCW17	4F16-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1
	4F15-07(09)	i	TO	20.0	-1.0	2.5	OUT	74S157	74S157	SPCW	C1
	4E16-15	i	TI	-0.40	0.5	1.3	IN6	74S241	74S241	SPCLCH	D1
	4E25-14(16)	i	TI	-1.60	0.2	1.7	II	82S21	82S21	SPC	B2
				-2.80(0.9)/20.0(-1.0)			8.5				
SPCW18	4F16-02(04)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C1
	4E15-09(11)	i	TO	20.0	-1.0	2.2	OUT	74S157	74S157	SPCW	C1
	4E16-13	i	TI	-0.40	0.5	1.6	IN7	74S241	74S241	SPCLCH	D1
	4E24-03(05)	i	TI	-1.60	0.2	1.7	IO	82S21	82S21	SPC	B1
				-2.80(0.9)/20.0(-1.0)			8.5				
SPCW2	4F17-13(15)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3
	4E27-03(05)	i	TI	-1.60	0.2	4.1	IO	82S21	82S21	SPC	D4
	4E18-13	i	TI	-0.40	0.5	2.4	IN7	74S241	74S241	SPCLCH	D4
	4E14-09(11)	i	TO	20.0	-1.0	1.5	OUT	74S157	74S157	SPCW	C8
				-2.80(0.9)/20.0(-1.0)			11.0				
SPCW3	4F17-14(16)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3
	4F27-14(16)	i	TI	-1.60	0.2	3.9	II	82S21	82S21	SPC	D4
	4E18-11	i	TI	-0.40	0.5	2.2	IN8	74S241	74S241	SPCLCH	D4
	4E14-12(14)	i	IO	20.0	-1.0	1.9	OUT	74S157	74S157	SPCW	C8
				-2.80(0.9)/20.0(-1.0)			11.0				
SPCW4	4F17-15(17)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3
	4E26-03(05)	i	TI	-1.60	0.2	3.8	IO	82S21	82S21	SPC	D3
	4E18-08	i	TI	-0.40	0.5	2.6	IN4	74S241	74S241	SPCLCH	D4
	4E13-04(06)	i	TO	20.0	-1.0	1.7	OUT	74S157	74S157	SPCW	C6
				-2.80(0.9)/20.0(-1.0)			11.1				
SPCW5	4F17-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3
	4E26-14(16)	i	TI	-1.60	0.2	3.5	II	82S21	82S21	SPC	D3
	4E18-06	i	TI	-0.40	0.5	2.9	IN3	74S241	74S241	SPCLCH	D4
	4E13-07(09)	i	TO	20.0	-1.0	1.2	OUT	74S157	74S157	SPCW	C6
				-2.80(0.9)/20.0(-1.0)			10.6				
SPCW6	4F17-02(04)	.	TI	-0.80	0.2		I	93S48	93S48	SPCPAR	C3
	4F30-03(05)	i	TI	-1.60	0.2	3.2	IO	82S21	82S21	SPC	D2
	4E18-04	i	TI	-0.40	0.5	3.3	IN2	74S241	74S241	SPCLCH	D4
	4E13-09(11)	i	TO	20.0	-1.0	1.0	OUT	74S157	74S157	SPCW	C6
				-2.80(0.9)/20.0(-1.0)			10.5				
SPCW7	4F30-14(16)	.	TI	-1.60	0.2		II	82S21	82S21	SPC	D2
	4F17-03(05)	i	TI	-0.80	0.2	3.0	I	93S48	93S48	SPCPAR	C3
	4E13-12(14)	i	TO	20.0	-1.0	3.5	OUT	74S157	74S157	SPCW	C6
	4E18-02	i	TI	-0.40	0.5	1.1	IN1	74S241	74S241	SPCLCH	D4
				-2.80(0.9)/20.0(-1.0)			10.6				

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2109							
SIGNAL	NAME LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPCW8	4F29-03(05)	.	TI	-1.60	0.2		I0	82S21	82S21	SPC	D1
	4F17-04(06)	.i	TI	-0.80	0.2	2.8	I	93S48	93S48	SPCPAR	C3
	4F17-17	.i	TI	-0.40	0.5	2.9	IN5	74S241	74S241	SPCLCH	D2
	4E12-04(06)	i	TO	20.0	-1.0	1.4	OUT	74S157	74S157	SPCW	C4
				-2.80(0.9)/20.0(-1.0)		10.1					
SPCW9	4F29-14(16)	.	TI	-1.60	0.2		I1	82S21	82S21	SPC	D1
	4F17-05(07)	.i	TI	-0.80	0.2	2.6	I	93S48	93S48	SPCPAR	C3
	4F17-15	.i	TI	-0.40	0.5	2.9	IN6	74S241	74S241	SPCLCH	D2
	4E12-07(09)	i	TO	20.0	-1.0	1.3	OUT	74S157	74S157	SPCW	C4
				-2.80(0.9)/20.0(-1.0)		9.8					
SPCWPAR	4F24-14(16)	\	TI	-1.60	0.2		I1	82S21	82S21	SPC	B1
	4E16-11	.i	TI	-0.40	0.5	1.8	IN8	74S241	74S241	SPCLCH	D1
	3E19-06(09)	i	TO	20.0	-1.0	9.1		74S86	74S86	SPCPAR	D2
				-2.0(0.7)/20.0(-1.0)		12.4					
SPCWPARH	4F16-09(11)	.	TO	20.0	-1.0		E	93S48	93S48	SPCPAR	C1
	3E19-04(07)	i	TI	-2.0	0.5	10.2		74S86	74S86	SPCPAR	D2
				-2.0(0.5)/20.0(-1.0)							
-SPCWPARL	4F17-10(12)	.	TO	20.0	-1.0		0	93S48	93S48	SPCPAR	C3
	3E19-05(08)	i	TI	-2.0	0.5	9.8		74S86	74S86	SPCPAR	D2
				-2.0(0.5)/20.0(-1.0)							
SPCWPASS	3D21-03(06)	.	TO	20.0	-1.0			74S08	74S08	CONTRL	A6
	4E18-19	.i	TI	-2.0	0.5	7.3	ENB	74S241	74S241	SPCLCH	D4
	4E17-19	.i	TI	-2.0	0.5	.9	ENB	74S241	74S241	SPCLCH	D2
	4E16-19	i	TI	-2.0	0.5	.9	ENB	74S241	74S241	SPCLCH	D1
				-6.0(0.15)/20.0(-1.0)		12.1					
-SPCWPASS	4E17-01	\	TI	-2.0	0.5		-ENB	74S241	74S241	SPCLCH	D2
	4E18-01	.i	TI	-2.0	0.5	.9	-ENB	74S241	74S241	SPCLCH	D4
	3D28-11(14)	i	TO	20.0	-1.0	6.3		74S00	74S00	CONTRL	A6
				-4.0(0.10)/20.0(-1.0)		8.7					
-SPFCALU	3D04-01(03)	.	TI	-2.0	0.5		1G	74S139	74S139	SOURCE	D1
	3D02-11(14)	i	TO	20.0	-1.0	1.8		74S00	74S00	SOURCE	D1
				-2.0(0.5)/20.0(-1.0)							
-SPOP	4D09-02(05)	\	TIS	-2.0	0.5			74S08	74S080	CONTRL	B7
	3F28-08(11)	.i	TO	20.0	-1.0	5.2		74S64	74S64	CONTRL	C4
	3E17-02(05)	i	TI	-2.0	0.5	3.2		74S02	74S020	LCC	A2
				-4.0(0.10)/20.0(-1.0)		9.9					
SPUSH	4F28-01(03)	.	TI	-2.0	0.5		U/D	74S169	74S169	SPC	B8
	4F23-01(03)	.i	TI	-2.0	0.5	1.5	U/D	74S169	74S169	SPC	B6
	3D26-12(14)	.i	TI	-2.0	0.5	8.2	3D	74S175	74S175	CONTRL	D1
	3F20-08(11)	i	TO	20.0	-1.0	4.3		74S04	74S04A	CONTRL	A1
				-6.0(0.15)/20.0(-1.0)		17.0					
-SPUSH	4D09-01(04)	\	TIS	-2.0	0.5			74S08	74S080	CONTRL	B7
	3E26-08(11)	.i	TO	20.0	-1.0	5.9		74S64	74S64	CONTRL	C6
	3F20-09(12)	i	TI	-2.0	0.5	2.9		74S04	74S04A	CONTRL	A1
				-4.0(0.10)/20.0(-1.0)		10.3					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2110							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
SPUSHD	4F30-09(12)	.1	TIS	-4.0	0.10				74S37 74S37	CONTRL	A7
	4F30-05(08)	.1	TIS	-4.0	0.10	.8			74S37 74S37	CONTRL	A7
	3D26-10(12)	.1	TO	20.0	-1.0	8.7	3Q		74S175 74S175	CONTRL	D1
	3D28-13(16)	.1	TIS	-2.0	0.5	1.5			74S00 74S00	CONTRL	A6
	3D21-01(04)	.1	TIS	-2.0	0.5	1.8			74S08 74S08	CONTRL	A6
	3F15-17	.1	TI	-0.20	0.2	4.8	IN5		74LS244 74LS244	SPY2	B7
OVERLOADED _____ 2											
-SPUSHD	3D28-10(13)	.1	TIS	-2.0	0.5				74S00 74S00	CONTRL	A6
	3D26-11(13)	.1	TO	20.0	-1.0	1.4	-3Q		74S175 74S175	CONTRL	D1
				-2.0(0.5)/20.0(-1.0)							
-SPY.AH	4B11-18	.1	TI	-0.20	0.2	3.4	CON		CPINS	B6	
	3A26-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B1	
	3A28-01	.1	TI	-0.20	0.2	.7	-ENB	74LS244 74LS244	SPY2	B1	
	3A27-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B2	
	3A27-01	.1	TI	-0.20	0.2	10.2	-ENB	74LS244 74LS244	SPY2	B2	
				-0.80/0.0							
-SPY.AL	2FJ1-15	.1	TI	-0.20	0.2	5.6	CON		CPINS	B1	
	1F11-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B4	
	1F11-01	.1	TI	-0.20	0.2	1.2	-ENB	74LS244 74LS244	SPY2	B4	
	1F13-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B5	
	1F13-01	.1	TI	-0.20	0.2	12.9	-ENB	74LS244 74LS244	SPY2	B5	
				-0.80/0.0							
-SPY.FLAG2	3FJ1-18	.1	TI	-0.20	0.2	3.6	CON		CPINS	B4	
	3F15-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B7	
	3F15-01	.1	TI	-0.20	0.2	1.7	-ENB	74LS244 74LS244	SPY2	B7	
	3E16-19	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	B8	
	3E16-01	.1	TI	-0.20	0.2	11.4	-ENB	74LS244 74LS244	SPY2	B8	
				-0.80/0.0							
-SPY.IRM	3DJ1-19	.1	TI	-0.20	0.2	3.7	CON		CPINS	D3	
	3F06-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B1	
	3F06-19	.1	TI	-0.20	0.2	4.4	-ENB	74LS244 74LS244	SPY1	B1	
	3F21-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B2	
	3F21-19	.1	TI	-0.20	0.2	14.2	-ENB	74LS244 74LS244	SPY1	B2	
				-0.80/0.0							
-SPY.IRI	3DJ1-17	.1	TI	-0.20	0.2	2.5	CON		CPINS	D3	
	3F03-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B7	
	3F03-19	.1	TI	-0.20	0.2	1.2	-ENB	74LS244 74LS244	SPY1	B7	
	3F01-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B8	
	3F01-19	.1	TI	-0.20	0.2	9.8	-ENB	74LS244 74LS244	SPY1	B8	
				-0.80/0.0							
-SPY.IRM	3DJ1-18	.1	TI	-0.20	0.2	6.6	CON		CPINS	D3	
	3F25-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B5	
	3F25-19	.1	TI	-0.20	0.2	1.2	-ENB	74LS244 74LS244	SPY1	B5	
	3F23-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY1	B4	
	3F23-19	.1	TI	-0.20	0.2	13.0	-ENB	74LS244 74LS244	SPY1	B4	
				-0.80/0.0							
-SPY.MH	4B11-14	.1	TI	-0.20	0.2	3.4	CON		CPINS	B6	
	4B13-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	D4	
	4B13-19	.1	TI	-0.20	0.2	1.5	-ENB	74LS244 74LS244	SPY2	D4	
	4B17-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244 74LS244	SPY2	D2	
	4B17-19	.1	TI	-0.20	0.2	11.0	-ENB	74LS244 74LS244	SPY2	D2	
				-0.80/0.0							

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2111					
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-SPY.ML	48J1-13	\					CON		CPINS	R8	
	4A13-19	.1	TI	-0.20	0.2	4.6	-ENB	74LS244	74LS244	SPY2	D5
	4A13-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY2	D5
	4A15-19	.1	TI	-0.20	0.2	1.2	-ENB	74LS244	74LS244	SPY2	D6
	4A15-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY2	D6
				-0.80/0.0		11.9					
-SPY.OBH	3CJ1-18	\					CON		CPINS	R3	
	3C23-19	.1	TI	-0.20	0.2	5.7	-ENB	74LS244	74LS244	SPY1	D4
	3C23-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY1	D4
	3C24-19	.1	TI	-0.20	0.2	.7	-ENB	74LS244	74LS244	SPY1	D2
	3C24-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY1	D2
				-0.80/0.0		12.5					
-SPY.OBL	3CJ1-17	\					CON		CPINS	R3	
	2C17-19	.1	TI	-0.20	0.2	4.4	-ENB	74LS244	74LS244	SPY1	D7
	2C17-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY1	D7
	2C18-19	.1	TI	-0.20	0.2	.7	-ENB	74LS244	74LS244	SPY1	D5
	2C18-01	.1	TI	-0.20	0.2	.8	-ENB	74LS244	74LS244	SPY1	D5
				-0.80/0.0		11.2					
SPY0	3AJ1-01	.1	TOT	24.0	-15.0	7.0	CON		HCPINS	A7	
	3A27-03	.1	TOT	24.0	-15.0	5.5	OUT5	74LS244	74LS244	SPY2	B2
	4A15-03	.1	TOT	24.0	-15.0	4.1	OUT5	74LS244	74LS244	SPY2	D4
	4B13-03	.1	TOT	24.0	-15.0	6.9	OUT5	74LS244	74LS244	SPY1	D4
	3C23-03	.1	TOT	24.0	-15.0	6.9	OUT5	74LS244	74LS244	SPY1	D4
	4DJ1-01	.1	TOT	24.0	-15.0	6.4	CON		CPINS	C8	
	3F25-03	.1	TOT	24.0	-15.0	6.4	OUT5	74LS244	74LS244	SPY1	B5
	3F21-03	.1	TOT	24.0	-15.0	2.4	OUT5	74LS244	74LS244	SPY1	B2
	3F16-03	.1	TOT	24.0	-15.0	3.4	OUT5	74LS244	74LS244	SPY2	B8
	3F01-03	.1	TOT	24.0	-15.0	3.7	OUT5	74LS244	74LS244	SPY1	B8
	2C17-03	.1	TOT	24.0	-15.0	8.1	OUT5	74LS244	74LS244	SPY1	D7
	1F13-03	.1	TOT	24.0	-15.0	12.6	OUT6	74LS244	74LS244	SPY2	B5
				0.0/24.0		78.9					MORE THAN 1 CONNECTOR PIN ____ 0
SPY1	1F13-05	.1	TOT	24.0	-15.0	12.6	OUT6	74LS244	74LS244	SPY2	B5
	2C17-05	.1	TOT	24.0	-15.0	12.6	OUT6	74LS244	74LS244	SPY1	D7
	3AJ1-02	.1	TOT	24.0	-15.0	7.2	CON		HCPINS	A7	
	3A27-05	.1	TOT	24.0	-15.0	5.5	OUT6	74LS244	74LS244	SPY2	B2
	4A15-05	.1	TOT	24.0	-15.0	4.1	OUT6	74LS244	74LS244	SPY2	D6
	4B13-05	.1	TOT	24.0	-15.0	4.1	OUT6	74LS244	74LS244	SPY2	D4
	4DJ1-02	.1	TOT	24.0	-15.0	3.7	CON		CPINS	C8	
	3C23-05	.1	TOT	24.0	-15.0	3.7	OUT6	74LS244	74LS244	SPY1	D4
	3E01-05	.1	TOT	24.0	-15.0	8.2	OUT6	74LS244	74LS244	SPY1	B8
	3F16-05	.1	TOT	24.0	-15.0	3.7	OUT6	74LS244	74LS244	SPY2	B8
	3F25-05	.1	TOT	24.0	-15.0	1.8	OUT6	74LS244	74LS244	SPY1	B5
	3F21-05	.1	TOT	24.0	-15.0	2.4	OUT6	74LS244	74LS244	SPY1	B2
				0.0/24.0		78.4					MORE THAN 1 CONNECTOR PIN ____ 0
SPY10	1F11-07	.1	TOT	24.0	-15.0	13.6	OUT7	74LS244	74LS244	SPY2	B4
	2C18-07	.1	TOT	24.0	-15.0	13.6	OUT7	74LS244	74LS244	SPY1	D5
	3AJ1-11	.1	TOT	24.0	-15.0	7.3	CON		HCPINS	B7	
	3A26-07	.1	TOT	24.0	-15.0	5.4	OUT7	74LS244	74LS244	SPY2	B1
	4A13-07	.1	TOT	24.0	-15.0	3.8	OUT7	74LS244	74LS244	SPY2	D5
	4B17-07	.1	TOT	24.0	-15.0	3.8	OUT7	74LS244	74LS244	SPY2	D2
	3C24-07	.1	TOT	24.0	-15.0	7.7	OUT7	74LS244	74LS244	SPY1	D2
	4DJ1-11	.1	TOT	24.0	-15.0	6.2	CON		CPINS	D8	
	3F23-07	.1	TOT	24.0	-15.0	2.9	OUT7	74LS244	74LS244	SPY1	B4
	3F15-07	.1	TOT	24.0	-15.0	1.8	OUT7	74LS244	74LS244	SPY2	B7
	3E06-07	.1	TOT	24.0	-15.0	1.8	OUT7	74LS244	74LS244	SPY1	B1
	3E03-07	.1	TOT	24.0	-15.0	1.9	OUT7	74LS244	74LS244	SPY1	B7
				0.0/24.0		76.9					MORE THAN 1 CONNECTOR PIN ____ 0

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2111							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
SPY11	1F11-09	.	TOT	24.0	-15.0			OUT8	74LS244	74LS244	SPY2	B4
	2C18-09	.i	TOT	24.0	-15.0	13.6		OUT8	74LS244	74LS244	SPY1	D5
	3AJ1-12	.i						CON		BCPINS	B7	
	3A26-09	.i	TOT	24.0	-15.0	7.5		OUT8	74LS244	74LS244	SPY2	B1
	4A13-09	.i	TOT	24.0	-15.0	5.4		OUT8	74LS244	74LS244	SPY2	D5
	4B17-09	.i	TOT	24.0	-15.0	3.8		OUT8	74LS244	74LS244	SPY2	D2
	3C24-09	.i	TOT	24.0	-15.0	7.7		OUT8	74LS244	74LS244	SPY1	D2
	4DJ1-12	.i						CON		CPINS	D8	
	3F23-09	.i	TOT	24.0	-15.0	6.0		OUT8	74LS244	74LS244	SPY1	B4
	3F15-09	.i	TOT	24.0	-15.0	2.9		OUT8	74LS244	74LS244	SPY2	B7
	3F06-09	.i	TOT	24.0	-15.0	1.8		OUT8	74LS244	74LS244	SPY1	B1
	3E03-09	.i	TOT	24.0	-15.0	1.9		OUT8	74LS244	74LS244	SPY1	B7
					0.0/24.0		76.7				MORE THAN 1 CONNECTOR PIN	___ 0
	SPY12	1F11-12	.	TOT	24.0	-15.0			OUT4	74LS244	74LS244	SPY2
2C18-12		.i	TOT	24.0	-15.0	13.6		OUT4	74LS244	74LS244	SPY1	D5
3AJ1-13		.i						CON		BCPINS	C7	
3A26-12		.i	TOT	24.0	-15.0	7.5		OUT4	74LS244	74LS244	SPY2	B1
4A13-12		.i	TOT	24.0	-15.0	5.4		OUT4	74LS244	74LS244	SPY2	D5
4B17-12		.i	TOT	24.0	-15.0	3.8		OUT4	74LS244	74LS244	SPY2	D2
3C24-12		.i	TOT	24.0	-15.0	7.7		OUT4	74LS244	74LS244	SPY1	D2
4DJ1-13		.i						CON		CPINS	D8	
3F23-12		.i	TOT	24.0	-15.0	6.2		OUT4	74LS244	74LS244	SPY1	B4
3F15-12		.i	TOT	24.0	-15.0	2.9		OUT4	74LS244	74LS244	SPY2	B7
3F06-12		.i	TOT	24.0	-15.0	1.8		OUT4	74LS244	74LS244	SPY1	B1
3E03-12		.i	TOT	24.0	-15.0	1.9		OUT4	74LS244	74LS244	SPY1	B7
					0.0/24.0		76.9				MORE THAN 1 CONNECTOR PIN	___ 0
SPY13		1F11-14	.	TOT	24.0	-15.0			OUT3	74LS244	74LS244	SPY2
	2C18-14	.i	TOT	24.0	-15.0	13.6		OUT3	74LS244	74LS244	SPY1	D5
	3AJ1-14	.i						CON		BCPINS	C7	
	3A26-14	.i	TOT	24.0	-15.0	7.3		OUT3	74LS244	74LS244	SPY2	B1
	4A13-14	.i	TOT	24.0	-15.0	5.4		OUT3	74LS244	74LS244	SPY2	D5
	4B17-14	.i	TOT	24.0	-15.0	3.8		OUT3	74LS244	74LS244	SPY2	D2
	3C24-14	.i	TOT	24.0	-15.0	7.7		OUT3	74LS244	74LS244	SPY1	D2
	4DJ1-14	.i						CON		CPINS	D8	
	3F23-14	.i	TOT	24.0	-15.0	6.2		OUT3	74LS244	74LS244	SPY1	B4
	3F15-14	.i	TOT	24.0	-15.0	2.9		OUT3	74LS244	74LS244	SPY2	B7
	3F06-14	.i	TOT	24.0	-15.0	1.8		OUT3	74LS244	74LS244	SPY1	B1
	3E03-14	.i	TOT	24.0	-15.0	1.9		OUT3	74LS244	74LS244	SPY1	B7
					0.0/24.0		76.9				MORE THAN 1 CONNECTOR PIN	___ 0
	SPY14	1F11-16	.	TOT	24.0	-15.0			OUT2	74LS244	74LS244	SPY2
2C18-16		.i	TOT	24.0	-15.0	13.6		OUT2	74LS244	74LS244	SPY1	D5
3AJ1-15		.i						CON		BCPINS	C7	
3C24-16		.i	TOT	24.0	-15.0	7.6		OUT2	74LS244	74LS244	SPY1	D2
3A26-16		.i	TOT	24.0	-15.0	4.5		OUT2	74LS244	74LS244	SPY2	B1
4A13-16		.i	TOT	24.0	-15.0	5.4		OUT2	74LS244	74LS244	SPY2	D5
4B17-16		.i	TOT	24.0	-15.0	3.8		OUT2	74LS244	74LS244	SPY2	D2
4DJ1-15		.i						CON		CPINS	D8	
3F23-16		.i	TOT	24.0	-15.0	6.2		OUT2	74LS244	74LS244	SPY1	B4
3F15-16		.i	TOT	24.0	-15.0	2.9		OUT2	74LS244	74LS244	SPY2	B7
3F06-16		.i	TOT	24.0	-15.0	1.8		OUT2	74LS244	74LS244	SPY1	B1
3E03-16		.i	TOT	24.0	-15.0	1.9		OUT2	74LS244	74LS244	SPY1	B7
					0.0/24.0		76.7				MORE THAN 1 CONNECTOR PIN	___ 0
SPY15		1F11-18	.	TOT	24.0	-15.0			OUT1	74LS244	74LS244	SPY2
	2C18-18	.i	TOT	24.0	-15.0	13.6		OUT1	74LS244	74LS244	SPY1	D5
	3AJ1-16	.i						CON		BCPINS	C7	
	3C24-18	.i	TOT	24.0	-15.0	7.4		OUT1	74LS244	74LS244	SPY1	D2
	3A26-18	.i	TOT	24.0	-15.0	4.5		OUT1	74LS244	74LS244	SPY2	B1
	4A13-18	.i	TOT	24.0	-15.0	5.4		OUT1	74LS244	74LS244	SPY2	D5
	4B17-18	.i	TOT	24.0	-15.0	3.8		OUT1	74LS244	74LS244	SPY2	D2
	4DJ1-16	.i						CON		CPINS	D8	
	3F23-18	.i	TOT	24.0	-15.0	6.2		OUT1	74LS244	74LS244	SPY1	B4
	3F15-18	.i	TOT	24.0	-15.0	2.9		OUT1	74LS244	74LS244	SPY2	B7
	3F06-18	.i	TOT	24.0	-15.0	1.8		OUT1	74LS244	74LS244	SPY1	B1
	3E03-18	.i	TOT	24.0	-15.0	1.9		OUT1	74LS244	74LS244	SPY1	B7
					0.0/24.0		76.5				MORE THAN 1 CONNECTOR PIN	___ 0

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2112							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
SPY2	1F13-07	.	TOT	24.0	-15.0		OUT7	74LS244	74LS244	SPY2	B5		
	2C17-07	.i	TOT	24.0	-15.0	12.6	OUT7	74LS244	74LS244	SPY1	D7		
	3AJ1-03	.i					CON		BCPINS	A7			
	3A27-07	.i	TOT	24.0	-15.0	7.3	OUT7	74LS244	74LS244	SPY2	B2		
	4A15-07	.i	TOT	24.0	-15.0	5.5	OUT7	74LS244	74LS244	SPY2	D6		
	4B13-07	.i	TOT	24.0	-15.0	4.1	OUT7	74LS244	74LS244	SPY2	D4		
	3C23-07	.i	TOT	24.0	-15.0	6.9	OUT7	74LS244	74LS244	SPY1	D4		
	4DJ1-03	.i					CON		CPINS	C8			
	3F25-07	.i	TOT	24.0	-15.0	6.0	OUT7	74LS244	74LS244	SPY1	B5		
	3F21-07	.i	TOT	24.0	-15.0	2.4	OUT7	74LS244	74LS244	SPY1	B2		
	3E16-07	.i	TOT	24.0	-15.0	3.4	OUT7	74LS244	74LS244	SPY2	B8		
	3E01-07	.i	TOT	24.0	-15.0	3.7	OUT7	74LS244	74LS244	SPY1	B8		
				0.0/24.0			78.3			MORE THAN 1 CONNECTOR PIN			0
	SPY3	1F13-09	.	TOT	24.0	-15.0		OUT8	74LS244	74LS244	SPY2	B5	
2C17-09		.i	TOT	24.0	-15.0	12.6	OUT8	74LS244	74LS244	SPY1	D7		
3AJ1-04		.i					CON		BCPINS	A7			
3A27-09		.i	TOT	24.0	-15.0	7.5	OUT8	74LS244	74LS244	SPY2	B2		
4A15-09		.i	TOT	24.0	-15.0	5.5	OUT8	74LS244	74LS244	SPY2	D6		
4B13-09		.i	TOT	24.0	-15.0	4.1	OUT8	74LS244	74LS244	SPY2	D4		
3C23-09		.i	TOT	24.0	-15.0	6.9	OUT8	74LS244	74LS244	SPY1	D4		
4DJ1-04		.i					CON		CPINS	C8			
3F25-09		.i	TOT	24.0	-15.0	5.8	OUT8	74LS244	74LS244	SPY1	B5		
3F21-09		.i	TOT	24.0	-15.0	2.4	OUT8	74LS244	74LS244	SPY1	B2		
3E16-09		.i	TOT	24.0	-15.0	3.4	OUT8	74LS244	74LS244	SPY2	B8		
3E01-09		.i	TOT	24.0	-15.0	3.7	OUT8	74LS244	74LS244	SPY1	B8		
				0.0/24.0			78.2			MORE THAN 1 CONNECTOR PIN			0
SPY4		1F13-12	.	TOT	24.0	-15.0		OUT4	74LS244	74LS244	SPY2	B5	
	2C17-12	.i	TOT	24.0	-15.0	12.6	OUT4	74LS244	74LS244	SPY1	D7		
	3AJ1-05	.i					CON		BCPINS	A7			
	3A27-12	.i	TOT	24.0	-15.0	7.6	OUT4	74LS244	74LS244	SPY2	B2		
	4A15-12	.i	TOT	24.0	-15.0	5.5	OUT4	74LS244	74LS244	SPY2	D6		
	4B13-12	.i	TOT	24.0	-15.0	4.1	OUT4	74LS244	74LS244	SPY2	D4		
	3C23-12	.i	TOT	24.0	-15.0	6.9	OUT4	74LS244	74LS244	SPY1	D4		
	4DJ1-05	.i					CON		CPINS	C8			
	3F25-12	.i	TOT	24.0	-15.0	6.0	OUT4	74LS244	74LS244	SPY1	B5		
	3F21-12	.i	TOT	24.0	-15.0	2.4	OUT4	74LS244	74LS244	SPY1	B2		
	3E16-12	.i	TOT	24.0	-15.0	3.4	OUT4	74LS244	74LS244	SPY2	B8		
	3E01-12	.i	TOT	24.0	-15.0	3.7	OUT4	74LS244	74LS244	SPY1	B8		
				0.0/24.0			78.4			MORE THAN 1 CONNECTOR PIN			0
	SPY5	1F13-14	.	TOT	24.0	-15.0		OUT13	74LS244	74LS244	SPY2	B5	
2C17-14		.i	TOT	24.0	-15.0	12.6	OUT13	74LS244	74LS244	SPY1	D7		
3AJ1-06		.i					CON		BCPINS	A7			
3A27-14		.i	TOT	24.0	-15.0	7.3	OUT13	74LS244	74LS244	SPY2	B2		
4A15-14		.i	TOT	24.0	-15.0	5.5	OUT13	74LS244	74LS244	SPY2	D6		
4B13-14		.i	TOT	24.0	-15.0	4.1	OUT13	74LS244	74LS244	SPY2	D4		
3C23-14		.i	TOT	24.0	-15.0	6.9	OUT13	74LS244	74LS244	SPY1	D4		
4DJ1-06		.i					CON		CPINS	C8			
3F25-14		.i	TOT	24.0	-15.0	6.0	OUT13	74LS244	74LS244	SPY1	B5		
3F21-14		.i	TOT	24.0	-15.0	2.4	OUT13	74LS244	74LS244	SPY1	B2		
3E16-14		.i	TOT	24.0	-15.0	3.4	OUT13	74LS244	74LS244	SPY2	B8		
3E01-14		.i	TOT	24.0	-15.0	3.7	OUT13	74LS244	74LS244	SPY1	B8		
				0.0/24.0			78.3			MORE THAN 1 CONNECTOR PIN			0
SPY6		1F13-16	.	TOT	24.0	-15.0		OUT2	74LS244	74LS244	SPY2	B5	
	2C17-16	.i	TOT	24.0	-15.0	12.6	OUT2	74LS244	74LS244	SPY1	D7		
	3AJ1-07	.i					CON		BCPINS	B7			
	3A27-16	.i	TOT	24.0	-15.0	7.1	OUT2	74LS244	74LS244	SPY2	B2		
	4A15-16	.i	TOT	24.0	-15.0	5.5	OUT2	74LS244	74LS244	SPY2	D6		
	4B13-16	.i	TOT	24.0	-15.0	4.1	OUT2	74LS244	74LS244	SPY2	D4		
	3C23-16	.i	TOT	24.0	-15.0	6.9	OUT2	74LS244	74LS244	SPY1	D4		
	4DJ1-07	.i					CON		CPINS	C8			
	3F25-16	.i	TOT	24.0	-15.0	6.0	OUT2	74LS244	74LS244	SPY1	B5		
	3F21-16	.i	TOT	24.0	-15.0	2.4	OUT2	74LS244	74LS244	SPY1	B2		
	3E16-16	.i	TOT	24.0	-15.0	3.4	OUT2	74LS244	74LS244	SPY2	B8		
	3E01-16	.i	TOT	24.0	-15.0	3.7	OUT2	74LS244	74LS244	SPY1	B8		
				0.0/24.0			78.4			MORE THAN 1 CONNECTOR PIN			0

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2112								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
SPY7	1F13-18	.	TOT	24.0	-15.0			OUT1	74LS244	74LS244	SPY2	B5	
	2C17-18	.1	TOT	24.0	-15.0	12.6		OUT1	74LS244	74LS244	SPY1	D7	
	3AJ1-08	.1						CON		BCPINS	B7		
	3A27-18	.1	TOT	24.0	-15.0	6.9		OUT1	74LS244	74LS244	SPY2	B2	
	4A15-18	.1	TOT	24.0	-15.0	5.5		OUT1	74LS244	74LS244	SPY2	D6	
	4H13-18	.1	TOT	24.0	-15.0	4.1		OUT1	74LS244	74LS244	SPY2	D4	
	3C23-18	.1	TOT	24.0	-15.0	6.9		OUT1	74LS244	74LS244	SPY1	D4	
	4DJ1-08	.1						CON		CPINS	C8		
	3F25-18	.1	TOT	24.0	-15.0	6.0		OUT1	74LS244	74LS244	SPY1	B5	
	3F21-18	.1	TOT	24.0	-15.0	2.4		OUT1	74LS244	74LS244	SPY1	B2	
	3E16-18	.1	TOT	24.0	-15.0	3.4		OUT1	74LS244	74LS244	SPY2	B8	
	3E01-18	.1	TOT	24.0	-15.0	3.7		OUT1	74LS244	74LS244	SPY1	B8	
					0.0/24.0		78.5				MORE THAN 1 CONNECTOR PIN	___ 0	
	SPY8	1F11-03	.	TOT	24.0	-15.0			OUT5	74LS244	74LS244	SPY2	B4
		2C18-03	.1	TOT	24.0	-15.0	13.6		OUT5	74LS244	74LS244	SPY1	D5
3AJ1-09		.1						CON		BCPINS	B7		
3C24-03		.1	TOT	24.0	-15.0	7.7		OUT5	74LS244	74LS244	SPY1	D2	
3A26-03		.1	TOT	24.0	-15.0	4.5		OUT5	74LS244	74LS244	SPY2	B1	
4A13-03		.1	TOT	24.0	-15.0	5.4		OUT5	74LS244	74LS244	SPY2	D5	
4B17-03		.1	TOT	24.0	-15.0	3.8		OUT5	74LS244	74LS244	SPY2	D2	
4DJ1-09		.1						CON		CPINS	C8		
3F23-03		.1	TOT	24.0	-15.0	6.5		OUT5	74LS244	74LS244	SPY1	B4	
3F15-03		.1	TOT	24.0	-15.0	2.9		OUT5	74LS244	74LS244	SPY2	B7	
3F06-03		.1	TOT	24.0	-15.0	1.8		OUT5	74LS244	74LS244	SPY1	B1	
3E03-03		.1	TOT	24.0	-15.0	1.9		OUT5	74LS244	74LS244	SPY1	B7	
					0.0/24.0		77.1				MORE THAN 1 CONNECTOR PIN	___ 0	
SPY9		1F11-05	.	TOT	24.0	-15.0			OUT6	74LS244	74LS244	SPY2	B4
		2C18-05	.1	TOT	24.0	-15.0	13.6		OUT6	74LS244	74LS244	SPY1	D5
	3AJ1-10	.1						CON		BCPINS	B7		
	3C24-05	.1	TOT	24.0	-15.0	7.7		OUT6	74LS244	74LS244	SPY1	D2	
	3A26-05	.1	TOT	24.0	-15.0	4.5		OUT6	74LS244	74LS244	SPY2	B1	
	4A13-05	.1	TOT	24.0	-15.0	5.4		OUT6	74LS244	74LS244	SPY2	D5	
	4B17-05	.1	TOT	24.0	-15.0	3.8		OUT6	74LS244	74LS244	SPY2	D2	
	4DJ1-10	.1						CON		CPINS	C8		
	3F23-05	.1	TOT	24.0	-15.0	6.4		OUT6	74LS244	74LS244	SPY1	B4	
	3F15-05	.1	TOT	24.0	-15.0	2.9		OUT6	74LS244	74LS244	SPY2	B7	
	3F06-05	.1	TOT	24.0	-15.0	1.8		OUT6	74LS244	74LS244	SPY1	B1	
	3E03-05	.1	TOT	24.0	-15.0	1.9		OUT6	74LS244	74LS244	SPY1	B7	
					0.0/24.0		77.0				MORE THAN 1 CONNECTOR PIN	___ 0	
	-SR	2F14-02(05)	\	TI	-2.0	0.5				74S02	74S020	SMC1L	C2
		2F14-11(14)	.1	TI	-2.0	0.5	.8			74S02	74S020	SMC1L	C4
2F14-09(12)		.1	TI	-2.0	0.5	.6			74S02	74S020	SMC1L	C2	
2F14-06(09)		.1	TI	-2.0	0.5	.7			74S02	74S020	SMC1L	C4	
2F19-02(05)		.1	TI	-2.0	0.5	1.1			74S02	74S020	SMC1L	C2	
2D20-12(15)		.1	TI	-2.0	0.5	3.4			74S02	74S020	SMC1L	D2	
2D20-09(12)		.1	TI	-2.0	0.5	.7			74S02	74S020	SMC1L	D2	
2D20-04(07)		.1	IO	20.0	-1.0	.8			74S02	74S02	SMC1L	D1	
2D15-02(05)		.1	II	-2.0	0.5	1.7		IN	74S32	74S320	SMC1L	C4	
					-16.0(0.40)/20.0(-1.0)		20.3				OVERLOADED	___ 2	
-SRCDC	3F30-13(16)	\	TIS	-2.0	0.5				74S20	74S200	OPCD	C2	
	3D22-15(17)	.1	IO	20.0	-1.0	2.1	0		74S138	74S138	SOURCE	B3	
	1D18-03(06)	.1	TI	-2.0	0.5	17.8			74S04	74S04	OPCD	C1	
				-4.0(0.10)/20.0(-1.0)		21.4							
SRCLC	2A04-10(13)	\	TIS	-2.0	0.5				74S08	74S08	LC	D1	
	2A05-02(05)	.1	IO	20.0	-1.0	1.3			74S04	74S04	LC	C1	
	1A18-04(07)	.1	TIS	-2.0	0.5	5.2			74S00	74S00	LC	C1	
				-4.0(0.10)/20.0(-1.0)		8.0							

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80		2112					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-SRCLC	3D23-12(14) 2A05-01(04)	i	TO	20.0	-1.0		3	74S138	74S138	SOURCE	B5
			TI	-2.0	0.5	16.6		74S04	74S04	LC	C1
				-2.0(0.5)/20.0(-1.0)							
SRCM	4B11-08(11) 4A17-02(06)	i	TO	20.0	-1.0			74S11	74S11	MCTL	B4
			TIS	-2.0	0.5	4.0		74S00	74S00	APAR	C7
				-2.0(0.5)/20.0(-1.0)							
-SRCM	4008-11(14) 4006-13(16)	i	TO	20.0	-1.0			74S00	74S00	MF	D3
			TIS	-2.0	0.5	1.5		74S08	74S080	MF	D4
				-2.0(0.5)/20.0(-1.0)							
SRCMAP	1D27-12(15) 1A08-02(05) 2A05-08(11)	i	TI	-2.0	0.5			74S02	74S02	VMEMO	A7
			TIS	-2.0	0.5	10.7		74S00	74S00	VMEMDR	D7
			TO	20.0	-1.0	8.0	20.2	74S04	74S04	VMEMDR	D6
				-4.0(0.10)/20.0(-1.0)							
-SRCMAP	3D23-14(16) 2A05-09(12)	i	TO	20.0	-1.0		1	74S138	74S138	SOURCE	B5
			TI	-2.0	0.5	15.8		74S04	74S04	VMEMDR	D6
				-2.0(0.5)/20.0(-1.0)							
SRCMD	2A05-04(07) 1A08-04(07)	i	TO	20.0	-1.0			74S04	74S04	MD	B1
			TIS	-2.0	0.5	7.5		74S00	74S00	MD	C2
				-2.0(0.5)/20.0(-1.0)							
-SRCMD	3F18-02(05) 3D23-13(15) 2A05-03(06)	i	TI	-2.0	0.5		2	74S02	74S020	VCIL2	D2
			TO	20.0	-1.0	5.7		74S138	74S138	SOURCE	B5
			TI	-2.0	0.5	16.3	23.5	74S04	74S04	MD	B1
				-4.0(0.10)/20.0(-1.0)							
-SRCOPC	3E30-09(12) 3D22-09(11) 1D18-05(08) 1E16-01(04)	i	TIS	-2.0	0.5		6	74S20	74S200	OPCD	C2
			TO	20.0	-1.0	2.0		74S138	74S138	SOURCE	B3
			TI	-2.0	0.5	18.2		74S04	74S04	OPCD	C1
			TIS	-2.0	0.5	4.2	27.4	74S11	74S11	OPCD	D2
				-6.0(0.15)/20.0(-1.0)							
SRCPDI IDX	4D06-09(12) 4D03-12(15)	i	TIS	-2.0	0.5			74S08	74S08	PDLPTR	D2
			TO	20.0	-1.0	7.2		74S04	74S04A	CLOCKD	D6
				-2.0(0.5)/20.0(-1.0)							
-SRCPDI IDX	4D03-13(16) 3E30-10(13) 3D22-12(14)	i	TI	-2.0	0.5			74S04	74S04A	CLOCKD	D6
			TIS	-2.0	0.5	3.3		74S20	74S200	OPCD	C2
			TO	20.0	-1.0	2.1	6.9	74S138	74S138	SOURCE	B3
				-4.0(0.10)/20.0(-1.0)							
-SRCPDI POP	4E03-09(12) 4D08-01(04) 3D30-01(03) 3C21-01(03) 3D24-01(03) 3D22-11(13)	i	TI	-2.0	0.5		IN	74S32	74S320	PDLCTL	D7
			TIS	-2.0	0.5	3.5		74S00	74S000	PDLCTL	C7
			TI	-2.0	0.5	4.4	U/D	74S169	74S169	PDLPIR	C5
			TI	-2.0	0.5	1.8	U/D	74S169	74S169	PDLPIR	C8
			TI	-2.0	0.5	1.6	U/D	74S169	74S169	PDLPIR	C8
			TO	20.0	-1.0	1.8	4	74S138	74S138	SOURCE	B3
							-10.0(0.25)/20.0(-1.0)				
SRCPDI PIR	4D08-09(12) 4D03-10(13)	i	TIS	-2.0	0.5			74S00	74S00	PDLPIR	D2
			TO	20.0	-1.0	1.6		74S04	74S04A	CLOCKD	D6
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2112								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-SRCPDLPTR	4D03-11(14)	\	TI	-2.0	0.5				74S04	74S04A	CLOCKD	D8
	3F30-12(15)	.i	TIS	-2.0	0.5	3.6			74S20	74S200	OPCD	C2
	3D22-13(15)	i	TO	20.0	-1.0	2.1	2		74S138	74S138	SOURCE	B3
				-4.0(0.10)/20.0(-1.0)			7.2					
-SRCPDLTOP	4D08-02(05)	.	TIS	-2.0	0.5				74S00	74S000	PDICTL	C7
	3D22-10(12)	i	TO	20.0	-1.0	4.9	5		74S138	74S138	SOURCE	B3
				-2.0(0.5)/20.0(-1.0)								
SRCQ	2A05-10(13)	\	TO	20.0	-1.0				74S04	74S04	QCTL	D4
	2A04-13(16)	.i	TIS	-2.0	0.5	1.0			74S08	74S08	QCTL	D4
	1A18-10(13)	i	TIS	-2.0	0.5	5.0			74S00	74S00	QCTL	D4
				-4.0(0.10)/20.0(-1.0)			7.5					
-SRCQ	3D22-07(09)	.	TO	20.0	-1.0				74S138	74S138	SOURCE	B3
	2A05-11(14)	i	TI	-2.0	0.5	16.4			74S04	74S04	QCTL	D4
				-2.0(0.5)/20.0(-1.0)								
-SRCSPC	3D28-01(04)	.	TIS	-2.0	0.5				74S00	74S000	CONTRL	A7
	3D22-14(16)	i	TO	20.0	-1.0	1.7	1		74S138	74S138	SOURCE	B3
				-2.0(0.5)/20.0(-1.0)								
-SRCSPCPOP	3E09-01(04)	\	TI	-2.0	0.5		IN		74S32	74S320	CONTRL	A3
	3D23-11(13)	.i	TO	20.0	-1.0	4.6	4		74S138	74S138	SOURCE	B5
	3D28-02(05)	i	TIS	-2.0	0.5	1.3			74S00	74S000	CONTRL	A7
				-4.0(0.10)/20.0(-1.0)			7.4					
-SRCSPCOPREAL	3E23-10(13)	\	TIS	-2.0	0.5				74S00	74S000	CONTRL	A4
	3E07-10(13)	.i	TIS	-2.0	0.5	3.8			74S00	74S00	LCC	A1
	3E09-03(06)	i	TO	20.0	-1.0	1.8	OUT		74S32	74S320	CONTRL	A3
				-4.0(0.10)/20.0(-1.0)			7.1					
SRCVMA	2A05-06(09)	.	TO	20.0	-1.0				74S04	74S04	VMA	C1
	1A18-13(16)	i	TIS	-2.0	0.5	5.8			74S00	74S00	VMA	C1
				-2.0(0.5)/20.0(-1.0)								
-SRCVMA	3D23-15(17)	.	TO	20.0	-1.0		0		74S138	74S138	SOURCE	B5
	2A05-05(08)	i	TI	-2.0	0.5	16.0			74S04	74S04	VMA	C1
				-2.0(0.5)/20.0(-1.0)								
-STATBIT	3FJ1-17	.					CON			CPINS	D4	
	3E11-11(14)	i	TO	20.0	-1.0	4.6			74S00	74S00	FLAG	A7
				0.0/20.0								
-SWPA	4F30-08(11)	.	TO	60.0	-3.0				74S37	74S37	CONTRL	A7
	4F23-01(03)	.i	TI	-3.20	0.5	2.4		-WCLK	82S21	82S21	SPC	B5
	4F22-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	B4
	4F21-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	B3
	4F25-01(03)	.i	TI	-3.20	0.5	1.1		-WCLK	82S21	82S21	SPC	B2
	4F24-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	B1
				-16.0(0.25)/60.0(-3.0)			12.2					
-SWPB	4F29-01(03)	.	TI	-3.20	0.5			-WCLK	82S21	82S21	SPC	D1
	4F30-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	D2
	4F20-01(03)	.i	TI	-3.20	0.5	1.1		-WCLK	82S21	82S21	SPC	D3
	4F27-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	D4
	4E28-01(03)	.i	TI	-3.20	0.5	.9		-WCLK	82S21	82S21	SPC	D5
	4E30-06(09)	i	TO	60.0	-3.0	1.6			74S37	74S37	CONTRL	A7
				-16.0(0.25)/60.0(-3.0)			11.4					

CADR PROCESSOR		CADRWD:CADR4 WLR		20-FEB-80 2113								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-TRAP	3F18-04(07)	\	TO	20.0	-1.0				74S02	74S02	TRAP	D4
	3F19-01(04)	.1	TI	-2.0	0.5	1.0			74S04	74S04	TRAP	D7
	3F19-03(06)	.1	TI	-2.0	0.5	.8			74S04	74S04	TRAP	D7
	3F23-12(15)	.1	TIS	-2.0	0.5	2.6			74S00	74S000	CONTRL	D8
	3E23-04(07)	.1	TIS	-2.0	0.5	.8			74S00	74S000	CONTRL	C7
				-8.0(0.20)/20.0(-1.0)			9.5					
TRAPA	3F19-04(07)	.	TO	20.0	-1.0				74S04	74S04	TRAP	D7
	4F04-01(03)	.1	TI	-2.0	0.5	4.8	-ENB		74S153	74S153	NPC	C4
	4F03-01(03)	.1	TI	-2.0	0.5	.9	-ENB		74S153	74S153	NPC	C3
	4F03-15(17)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C3
	4F02-01(03)	.1	TI	-2.0	0.5	.7	-ENB		74S153	74S153	NPC	C2
	4F02-15(17)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C2
	4F01-01(03)	.1	TI	-2.0	0.5	.7	-ENB		74S153	74S153	NPC	C1
	4F01-15(17)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C1
				-14.0(0.35)/20.0(-1.0)			18.5				OVERLOADED	2
TRAPB	3F19-02(05)	.	TO	20.0	-1.0				74S04	74S04	TRAP	D7
	4F04-15(17)	.1	TI	-2.0	0.5	5.2	-ENB		74S153	74S153	NPC	C4
	4F05-15(17)	.1	TI	-2.0	0.5	.9	-ENB		74S153	74S153	NPC	C5
	4F06-01(03)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C5
	4F01-15(17)	.1	TI	-2.0	0.5	.9	-ENB		74S153	74S153	NPC	C6
	4F01-01(03)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C6
	4F02-15(17)	.1	TI	-2.0	0.5	.7	-ENB		74S153	74S153	NPC	C7
	4F02-01(03)	.1	TI	-2.0	0.5	.8	-ENB		74S153	74S153	NPC	C7
				-14.0(0.35)/20.0(-1.0)			19.1				OVERLOADED	2
TRAPENB	4EJ1-15	\					CON		CPINS	B8		
	3F19-09(12)	.1	TI	-2.0	0.5	4.3			74S04	74S04	TRAP	C7
	3F18-11(14)	.1	TI	-2.0	0.5	1.0			74S02	74S020	TRAP	D3
				-4.0/0.0			6.8					
-TRAPINB	3F19-08(11)	.	TO	20.0	-1.0				74S04	74S04	TRAP	C7
	3F18-08(11)	.1	TI	-2.0	0.5	.9			74S02	74S020	TRAP	D3
				-2.0(0.5)/20.0(-1.0)								
-TSF1	1B19-13(16)	.	TI	-2.0	0.5				74S04	74S04A	CLOCKD	B1
	1B19-11(14)	.1	TI	-2.0	0.5	.6			74S04	74S04A	CLOCKD	B1
				-4.0/0.0							NO DRIVE	1
TSE1A	2A04-09(12)	.	TIS	-2.0	0.5				74S08	74S08	LC	D1
	2A04-04(07)	.1	TIS	-2.0	0.5	.8			74S08	74S08	MF	D7
	1A18-05(08)	.1	TIS	-2.0	0.5	5.2			74S00	74S00	LC	C1
	1A18-01(04)	.1	TIS	-2.0	0.5	.8			74S00	74S00	MF	D7
	1A08-01(04)	.1	TIS	-2.0	0.5	2.6			74S00	74S00	VME-MDR	D7
	1B19-12(15)	.1	TO	20.0	-1.0	3.9			74S04	74S04A	CLOCKD	B1
				-10.0(0.25)/20.0(-1.0)			19.3					
TSE1R	1B19-10(13)	.	TO	20.0	-1.0				74S04	74S04A	CLOCKD	B1
	1F07-05(08)	.1	TIS	-2.0	0.5	9.8			74S08	74S08	OPCD	D2
	1F07-01(04)	.1	TIS	-2.0	0.5	.8			74S08	74S08	OPCD	C2
	1F06-12(15)	.1	TIS	-2.0	0.5	1.3			74S00	74S00	OPCD	D2
	1F06-10(13)	.1	TIS	-2.0	0.5	.6			74S00	74S00	OPCD	C2
	1E16-13(16)	.1	TIS	-2.0	0.5	2.3			74S11	74S11	OPCD	D2
				-10.0(0.25)/20.0(-1.0)			20.8					
TSF2	2C02-12(15)	\	TO	20.0	-1.0				74S04	74S04A	CLOCKD	C1
	2A04-12(15)	.1	TIS	-2.0	0.5	6.8			74S08	74S08	OCTL	D4
	1A18-09(12)	.1	TIS	-2.0	0.5	5.0			74S00	74S00	OCTL	D4
	1A18-12(16)	.1	TIS	-2.0	0.5	.7			74S00	74S00	VMA	C1
	1A08-05(08)	.1	TIS	-2.0	0.5	2.5			74S00	74S00	MD	C2
				-8.0(0.20)/20.0(-1.0)			19.5					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2113							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-TSE2	2C02-13(16)		II	-2.0	0.5			74S04	74S04A	ONE PIN RUN CLOCKD C1	___ 0
										NO DRIVE	___ 1
-TSE3	3C12-13(16)		II	-2.0	0.5			74S04	74S04A	ONE PIN RUN CLOCKD B6	___ 0
										NO DRIVE	___ 1
TSE3A	3D28-05(08)	\	IIS	-2.0	0.5			74S00	74S00	CONTRL B8	
	3D28-09(12)	.i	IIS	-2.0	0.5	.8		74S00	74S00	CONTRL A6	
	3D28-12(15)	.i	IIS	-2.0	0.5	.7		74S00	74S00	CONTRL A6	
	3D21-10(13)	.i	IIS	-2.0	0.5	1.8		74S08	74S08	CONTRL B7	
	3D21-02(05)	.i	IIS	-2.0	0.5	.9		74S08	74S08	CONTRL A6	
	3C12-12(15)	.i	IO	20.0	-1.0	4.0		74S04	74S04A	CLOCKD B6	
	3B16-05(08)	.i	IIS	-2.0	0.5	3.3		74S00	74S00	ACTL A8	
				-12.0(0.30)/20.0(-1.0)		19.0					
-TSE4	4D03-09(12)		II	-2.0	0.5			74S04	74S04A	CLOCKD D6	
	4D03-05(08)	.i	II	-2.0	0.5	.8		74S04	74S04A	CLOCKD D6	
				-4.0/0.0						NO DRIVE	___ 1
TSE4A	4D03-08(11)	.	IO	20.0	-1.0			74S04	74S04A	CLOCKD D6	
	4B11-02(05)	.i	IIS	-2.0	0.5	6.4		74S11	74S11	MCTL A4	
	4B11-05(08)	.i	IIS	-2.0	0.5	.7		74S11	74S11	ACTL B8	
	4B14-09(12)	.i	IIS	-2.0	0.5	1.7		74S10	74S10	ACTL B8	
	4B14-03(08)	.i	IIS	-2.0	0.5	.9		74S10	74S10	MCTL A4	
	4B14-02(05)	.i	IIS	-2.0	0.5	BARE		74S10	74S10	MCTL A4	
				-10.0(0.25)/20.0(-1.0)		14.8					
TSE4B	4D03-06(09)	.	IO	20.0	-1.0			74S04	74S04A	CLOCKD D6	
	4D08-05(08)	.i	IIS	-2.0	0.5	1.4		74S00	74S00	PDLCAL D8	
	4D08-10(13)	.i	IIS	-2.0	0.5	.7		74S00	74S00	PDLPTR D2	
	4D06-10(13)	.i	IIS	-2.0	0.5	1.4		74S08	74S08	PDLPTR D2	
				-6.0(0.15)/20.0(-1.0)		6.6					
-UPPERHIGHOK	2FJ1-18						CON			B1	
	1F05-09(11)	.i	IO	20.0	-1.0	7.1		74S133	74S133	CLOCKD D3	
				0.0/20.0							
-USE.MAP	1F76-01(04)	\	II	-2.0	0.5		IN	74S32	74S32	VMEMO A8	
	1F26-04(07)	.i	II	-2.0	0.5	.7	IN	74S32	74S32	VMEMO A8	
	1D27-13(16)	.i	IO	20.0	-1.0	3.4		74S02	74S02	VMEMO A7	
				-4.0(0.10)/20.0(-1.0)		6.6					
USE.MD	3F30-04(07)	.	IIS	-2.0	0.5			74S20	74S20	TRAP D3	
	3F18-01(04)	.i	IO	20.0	-1.0	4.9		74S02	74S020	VCIL2 D2	
	3F17-02(05)	.i	IIS	-2.0	0.5	1.0		74S10	74S10	VCIL1 D8	
	3F16-06(09)	.i	IIS	-2.0	0.5	1.1		74S64	74S64	VCIL1 D8	
				-6.0(0.15)/20.0(-1.0)		10.0					
VOPAROK	2FJ1-18						CON			B1	
	1E26-03(08)	.i	IO	20.0	-1.0	3.4	OUT	74S32	74S32	VMEMO A8	
				0.0/20.0							
VMOPARI	1D04-15(17)	\	II	-0.40	0.2		DI	93425A	93425A	VMEMO D6	
	1D05-15(17)	.i	II	-0.40	0.2	.9	DI	93425A	93425A	VMEMO B6	
	1C02-05(08)	.i	IO	20.0	-1.0	2.0	EVEN	74S280	74S280	VMEMO D7	
				-0.80(0.4)/20.0(-1.0)		4.4					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2114							
SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-VMOWPA	1D07-03(06)	\	TO	60.0	-3.0			74S37	74S37	VCTL2	A2
	1D05-14(16)	.1	TI	-0.40	0.2	2.1	-WF	93425A	93425A	VMEM0	B6
	1C07-14(16)	.1	TI	-0.40	0.2	2.1	-WE	93425A	93425A	VMEM0	B5
	1C08-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM0	B4
	1C09-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM0	B3
	1C14-14(16)	.1	TI	-0.40	0.2	1.5	-WE	93425A	93425A	VMEM0	B1
	1C13-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM0	B2
				-2.40(0.12)/60.0(-3.0)		15.9					
-VMOWPB	1D04-14(16)	\	TI	-0.40	0.2		-WE	93425A	93425A	VMEM0	D6
	1D07-06(09)	.1	TO	60.0	-3.0	2.1		74S37	74S37	VCTL2	A2
	1D09-14(16)	.1	TI	-0.40	0.2	1.3	-WF	93425A	93425A	VMEM0	D5
	1D10-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM0	D4
	1C06-14(16)	.1	TI	-0.40	0.2	1.1	-WE	93425A	93425A	VMEM0	D3
	1C11-14(16)	.1	TI	-0.40	0.2	1.5	-WE	93425A	93425A	VMEM0	D2
	1C12-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM0	D1
				-2.40(0.12)/60.0(-3.0)		15.3					
-VM1LPAR	1D12-02(05)	.	TI	-2.0	0.5			74S86	74S86	VMEM1	A8
	1C04-10(12)	.1	TO	20.0	-1.0	4.3	0	93S48	93S48	VMEM1	D8
				-2.0(0.5)/20.0(-1.0)							
VM1MPAR	1D12-01(04)	.	TI	-2.0	0.5		E	74S86	74S86	VMEM1	A8
	1C03-09(11)	.1	TO	20.0	-1.0	3.8		93S48	93S48	VMEM1	C8
				-2.0(0.5)/20.0(-1.0)							
VM1PARI	1D12-03(06)	.	TO	20.0	-1.0		DI	74S86	74S86	VMEM1	A8
	1C05-15(17)	.1	TI	-0.40	0.2	5.0		93425A	93425A	VMEM2	B2
				-0.40(0.2)/20.0(-1.0)							
-VM1WPA	1E13-14(16)	\	TI	-0.40	0.2		-WF	93425A	93425A	VMEM1	B6
	1E14-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM1	D6
	1E15-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM1	B6
	1D11-14(16)	.1	TI	-0.40	0.2	1.1	-WE	93425A	93425A	VMEM1	D6
	1D07-08(11)	.1	TO	60.0	-3.0	1.2		74S37	74S37	VCTL2	B2
	1D06-14(16)	.1	TI	-0.40	0.2	1.2	-WF	93425A	93425A	VMEM1	D5
	1E10-14(16)	.1	TI	-0.40	0.2	1.1	-WE	93425A	93425A	VMEM1	B5
	1E09-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM1	D4
	1E08-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM1	B4
	1E04-14(16)	.1	TI	-0.40	0.2	1.7	-WF	93425A	93425A	VMEM1	B3
	1E05-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM1	D3
	1D01-14(16)	.1	TI	-0.40	0.2	1.1	-WF	93425A	93425A	VMEM1	B3
	1D02-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM1	D3
				-4.80(0.24)/60.0(-3.0)		29.3					
-VM1WPB	1D07-11(14)	.	TO	60.0	-3.0			74S37	74S37	VCTL2	B2
	1C05-14(16)	.1	TI	-0.40	0.2	4.8	-WF	93425A	93425A	VMEM2	B2
	1B01-14(16)	.1	TI	-0.40	0.2	1.1	-WF	93425A	93425A	VMEM2	B5
	1B02-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM2	B4
	1B03-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	B3
	1B04-14(16)	.1	TI	-0.40	0.2	.9	-WF	93425A	93425A	VMEM2	B3
	1B05-14(16)	.1	TI	-0.40	0.2	1.5	-WF	93425A	93425A	VMEM2	B6
	1B08-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	B6
	1B07-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	D3
	1B06-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	D3
	1B11-14(16)	.1	TI	-0.40	0.2	1.5	-WF	93425A	93425A	VMEM2	D6
	1B12-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	D6
	1B13-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	D5
	1B14-14(16)	.1	TI	-0.40	0.2	.9	-WE	93425A	93425A	VMEM2	D4
				-5.20(0.26)/60.0(-3.0)		35.0					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2115							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-VMA0	1E17-07(09)	.i	TI	-0.80	0.2		I	93S48	93S48	VMFMOR	D1
	1D11-15(17)	.i	TI	-0.40	0.2	2.9	DI	93425A	93425A	VMFM1	D6
	1C22-02(04)	.i	TO	20.0	-1.0	4.6	Q0	25S07	25S07	VMA	B8
	1C04-11(13)	.i	TI	-0.80	0.2	4.5	I	93S48	93S48	VMFM1	D8
	1CJ1-16	.i					CON		BCPINS	C5	
	1A10-17	.i	TI	-0.40	0.5	7.6	IN5	74S240	74S240	VMA	D8
											-2.40(0.11)/20.0(-1.0) 27.7
-VMA1	1E17-06(08)	.i	TI	-0.80	0.2		I	93S48	93S48	VMFMOR	D1
	1E14-15(17)	.i	TI	-0.40	0.2	2.1	DI	93425A	93425A	VMFM1	D6
	1C22-05(07)	.i	TO	20.0	-1.0	5.8	Q1	25S07	25S07	VMA	B8
	1C04-12(14)	.i	TI	-0.80	0.2	4.9	I	93S48	93S48	VMFM1	D8
	1CJ1-16	.i					CON		BCPINS	C5	
	1A10-15	.i	TI	-0.40	0.5	7.5	IN6	74S240	74S240	VMA	D8
											-2.40(0.11)/20.0(-1.0) 28.3
-VMA10	1A14-13	.i	TI	-0.40	0.5		IN7	74S240	74S240	VMA	D6
	1C04-06(08)	.i	TI	-0.80	0.2	6.0	I	93S48	93S48	VMFM1	D8
	1D01-15(17)	.i	TI	-0.40	0.2	5.0	DI	93425A	93425A	VMFM1	B3
	1D19-11(13)	.i	TI	-2.0	0.6	4.4	IN0	74S258	74S258	VMAS	D6
	1D25-12(14)	.i	TO	20.0	-1.0	1.6	Q4	25S07	25S07	VMA	B6
-VMA11	1F04-15(17)	.i	TI	-0.40	0.2		DI	93425A	93425A	VMFM1	B3
	1D19-14(16)	.i	TI	-2.0	0.5	4.8	IN0	74S258	74S258	VMAS	D6
	1D25-15(17)	.i	TO	20.0	-1.0	1.6	Q5	25S07	25S07	VMA	B6
	1C04-07(09)	.i	TI	-0.80	0.2	5.1	I	93S48	93S48	VMFM1	D8
	1A14-11	.i	TI	-0.40	0.5	6.0	IN8	74S240	74S240	VMA	D6
-VMA12	1A14-08	.i	TI	-0.40	0.5		IN4	74S240	74S240	VMA	D6
	1B11-15(17)	.i	TI	-0.40	0.2	5.0	DI	93425A	93425A	VMFM2	D6
	1C24-02(04)	.i	TO	20.0	-1.0	2.8	Q0	25S07	25S07	VMA	B5
	1C16-02(04)	.i	TI	-2.0	0.5	2.3	IN0	74S258	74S258	VMAS	D5
	1C03-11(13)	.i	TI	-0.80	0.2	3.4	I	93S48	93S48	VMFM1	C8
-VMA13	1A14-06	.i	TI	-0.40	0.5		IN3	74S240	74S240	VMA	D6
	1B17-15(17)	.i	TI	-0.40	0.2	4.5	DI	93425A	93425A	VMFM2	D6
	1C24-05(07)	.i	TO	20.0	-1.0	3.3	Q1	25S07	25S07	VMA	B5
	1C16-05(07)	.i	TI	-2.0	0.5	2.3	IN0	74S258	74S258	VMAS	D5
	1C03-12(14)	.i	TI	-0.80	0.2	3.8	I	93S48	93S48	VMFM1	C8
-VMA14	1C03-13(15)	.i	TI	-0.80	0.2		I	93S48	93S48	VMFM1	C8
	1C16-11(13)	.i	TI	-2.0	0.5	4.1	IN0	74S258	74S258	VMAS	D5
	1C24-07(09)	.i	TO	20.0	-1.0	2.6	Q2	25S07	25S07	VMA	B5
	1B13-15(17)	.i	TI	-0.40	0.2	3.8	DI	93425A	93425A	VMFM2	D5
	1A14-04	.i	TI	-0.40	0.5	3.9	IN2	74S240	74S240	VMA	D6
-VMA15	1C03-14(16)	.i	TI	-0.80	0.2		I	93S48	93S48	VMFM1	C8
	1C16-14(16)	.i	TI	-2.0	0.5	3.9	IN0	74S258	74S258	VMAS	D5
	1C24-10(12)	.i	TO	20.0	-1.0	2.6	Q3	25S07	25S07	VMA	B5
	1B14-15(17)	.i	TI	-0.40	0.2	4.3	DI	93425A	93425A	VMFM2	D4
	1A14-02	.i	TI	-0.40	0.5	3.5	IN1	74S240	74S240	VMA	D6
-VMA16	1A12-17	.i	TI	-0.40	0.5		IN5	74S240	74S240	VMA	D5
	1B06-15(17)	.i	TI	-0.40	0.2	3.8	DI	93425A	93425A	VMFM2	D3
	1C03-15(17)	.i	TI	-0.80	0.2	2.5	I	93S48	93S48	VMFM1	C8
	1C18-02(04)	.i	TI	-2.0	0.5	3.8	IN0	74S258	74S258	VMAS	D4
	1C24-12(14)	.i	TO	20.0	-1.0	1.9	Q4	25S07	25S07	VMA	B5

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2116							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-VMA17	1A12-15	\	TI	-0.40	0.5		IN6	74S240	74S240	VMA	D5
	1B07-15(17)	.1	TI	-0.40	0.2	3.4	DI	93425A	93425A	VMEM2	D3
	1C03-01(03)	.1	TI	-0.80	0.2	2.7	I	93S48	93S48	VMEM1	C8
	1C18-05(07)	.1	TI	-2.0	0.5	4.1	INO	74S258	74S258	VMAS	D4
	1C24-15(17)	.1	TO	20.0	-1.0	1.3	Q5	25S07	25S07	VMA	B5
				-3.60(0.14)/20.0(-1.0)			16.0				
-VMA18	1A12-13	\	TI	-0.40	0.5		IN7	74S240	74S240	VMA	D5
	1B08-15(17)	.1	TI	-0.40	0.2	3.1	DI	93425A	93425A	VMEM2	B6
	1C03-02(04)	.1	TI	-0.80	0.2	3.1	I	93S48	93S48	VMEM1	C8
	1C18-11(13)	.1	TI	-2.0	0.5	4.2	INO	74S258	74S258	VMAS	D4
	1C25-02(04)	.1	TO	20.0	-1.0	1.9	Q0	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			16.8				
-VMA19	1A12-11	\	TI	-0.40	0.5		IN8	74S240	74S240	VMA	D5
	1B09-15(17)	.1	TI	-0.40	0.2	2.9	DI	93425A	93425A	VMEM2	B6
	1C03-03(05)	.1	TI	-0.80	0.2	3.5	I	93S48	93S48	VMEM1	C8
	1C18-14(16)	.1	TI	-2.0	0.5	3.8	INO	74S258	74S258	VMAS	D4
	1C25-05(07)	.1	TO	20.0	-1.0	2.3	Q1	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			17.0				
-VMA2	1A10-13	\	TI	-0.40	0.5		IN7	74S240	74S240	VMA	D8
	1C04-13(15)	.1	TI	-0.80	0.2	6.5	I	93S48	93S48	VMEM1	D8
	1C31-14	.1					CON		RCPINS	C5	
	1D06-15(17)	.1	TI	-0.40	0.2	4.5	DI	93425A	93425A	VMEM1	D5
	1E17-05(07)	.1	TI	-0.80	0.2	3.0	I	93S48	93S48	VMEMDR	D1
1C22-07(09)	.1	TO	20.0	-1.0	6.0	Q2	25S07	25S07	VMA	B8	
				-2.40(0.11)/20.0(-1.0)			28.4				
-VMA20	1A12-08	\	TI	-0.40	0.5		IN4	74S240	74S240	VMA	D5
	1B01-15(17)	.1	TI	-0.40	0.2	4.8	DI	93425A	93425A	VMEM2	B5
	1C03-04(06)	.1	TI	-0.80	0.2	1.9	I	93S48	93S48	VMEM1	C8
	1C20-02(04)	.1	TI	-2.0	0.5	3.7	INO	74S258	74S258	VMAS	D3
	1C25-07(09)	.1	TO	20.0	-1.0	2.0	Q2	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			16.9				
-VMA21	1A12-06	\	TI	-0.40	0.5		IN3	74S240	74S240	VMA	D5
	1B07-15(17)	.1	TI	-0.40	0.2	4.3	DI	93425A	93425A	VMEM2	B4
	1C03-05(07)	.1	TI	-0.80	0.2	2.4	I	93S48	93S48	VMEM1	C8
	1C20-05(07)	.1	TI	-2.0	0.5	3.9	INO	74S258	74S258	VMAS	D3
	1C25-10(12)	.1	TO	20.0	-1.0	1.8	Q3	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			16.0				
-VMA22	1A12-04	\	TI	-0.40	0.5		IN2	74S240	74S240	VMA	D5
	1B03-15(17)	.1	TI	-0.40	0.2	3.8	DI	93425A	93425A	VMEM2	B3
	1C03-06(08)	.1	TI	-0.80	0.2	2.9	I	93S48	93S48	VMEM1	C8
	1C20-11(13)	.1	TI	-2.0	0.5	3.8	INO	74S258	74S258	VMAS	D3
	1C25-12(14)	.1	TO	20.0	-1.0	1.4	Q4	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			16.4				
-VMA23	1A12-02	\	TI	-0.40	0.5		IN1	74S240	74S240	VMA	D5
	1B04-15(17)	.1	TI	-0.40	0.2	3.3	DI	93425A	93425A	VMEM2	B3
	1C03-07(09)	.1	TI	-0.80	0.2	3.4	I	93S48	93S48	VMEM1	C8
	1C20-14(16)	.1	TI	-2.0	0.5	3.4	INO	74S258	74S258	VMAS	D3
	1C25-15(17)	.1	TO	20.0	-1.0	1.4	Q5	25S07	25S07	VMA	B4
				-3.60(0.14)/20.0(-1.0)			16.0				
-VMA24	1B22-02(04)	.1	TO	20.0	-1.0		Q0	25S07	25S07	VMA	B2
	1A06-17	.1	TI	-0.40	0.5	4.3	IN5	74S240	74S240	VMA	D3
				-0.40(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2116					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-VMA25	1B22-05(07)	\	TO	20.0	-1.0		Q1	25S07	25S07	VMA	B2
	1C15-06(09)	.i	TI	-2.0	0.5	2.8		74S02	74S020	VCTL2	A2
	1A06-15	i	TI	-0.40	0.5	3.9	IN6	74S240	74S240	VMA	D3
				-2.40(0.10)/20.0(-1.0)				8.2			
-VMA26	1B22-07(09)	\	TO	20.0	-1.0		Q2	25S07	25S07	VMA	B2
	1C15-03(06)	.i	TI	-2.0	0.5	3.2		74S02	74S020	VCTL2	A2
	1A06-13	i	TI	-0.40	0.5	3.7	IN7	74S240	74S240	VMA	D3
				-2.40(0.10)/20.0(-1.0)				8.4			
-VMA27	1D09-15(17)	\	TI	-0.40	0.2		DI	93425A	93425A	VMFMO	D5
	1C07-15(17)	.i	TI	-0.40	0.2	2.1	DI	93425A	93425A	VMFMO	B5
	1C02-01(04)	.i	TI	-2.0	0.5	1.6	IN	74S280	74S280	VMFMO	D7
	1A06-11	.i	TI	-0.40	0.5	5.4	IN8	74S240	74S240	VMA	D3
	1B22-10(12)	.i	TO	20.0	-1.0	4.3	Q3	25S07	25S07	VMA	B2
				-3.20(0.14)/20.0(-1.0)				17.9			
-VMA28	1D10-15(17)	\	TI	-0.40	0.2		DI	93425A	93425A	VMFMO	D4
	1C07-02(05)	.i	TI	-2.0	0.5	2.3	IN	74S280	74S280	VMFMO	D7
	1C08-15(17)	.i	TI	-0.40	0.2	1.5	DI	93425A	93425A	VMFMO	B4
	1B22-12(14)	.i	TO	20.0	-1.0	4.7	Q4	25S07	25S07	VMA	B2
	1A06-08	i	TI	-0.40	0.5	4.5	IN4	74S240	74S240	VMA	D3
				-3.20(0.14)/20.0(-1.0)				17.5			
-VMA29	1C06-15(17)	\	TI	-0.40	0.2		DI	93425A	93425A	VMFMO	D3
	1C02-04(07)	.i	TI	-2.0	0.5	1.6	IN	74S280	74S280	VMFMO	D7
	1C09-15(17)	.i	TI	-0.40	0.2	1.5	DI	93425A	93425A	VMFMO	B3
	1B22-15(17)	.i	TO	20.0	-1.0	4.2	Q5	25S07	25S07	VMA	B2
	1A06-06	i	TI	-0.40	0.5	4.4	IN3	74S240	74S240	VMA	D3
				-3.20(0.14)/20.0(-1.0)				16.2			
-VMA3	1A10-11	.	TI	-0.40	0.5		IN8	74S240	74S240	VMA	D8
	1C04-14(16)	.i	TI	-0.80	0.2	6.6	I	93S48	93S48	VMFMO	D8
	1CJ1-13	.i	CON						BCPINS	C5	
	1E09-15(17)	.i	TI	-0.40	0.2	5.7	DI	93425A	93425A	VMFMO	D4
	1E17-04(06)	.i	TI	-0.80	0.2	2.9	I	93S48	93S48	VMFMDR	D1
1C27-10(12)	i	TO	20.0	-1.0	5.7	Q3	25S07	25S07	VMA	B8	
				-2.40(0.11)/20.0(-1.0)				28.6			
-VMA30	1C02-08(11)	\	TI	-2.0	0.5		IN	74S280	74S280	VMFMO	D7
	1C11-15(17)	.i	TI	-0.40	0.2	2.1	DI	93425A	93425A	VMFMO	D2
	1C13-15(17)	.i	TI	-0.40	0.2	1.4	DI	93425A	93425A	VMFMO	B2
	1B23-02(04)	.i	TO	20.0	-1.0	4.2	Q0	25S07	25S07	VMA	B1
	1A06-04	i	TI	-0.40	0.5	4.2	IN2	74S240	74S240	VMA	D3
				-3.20(0.14)/20.0(-1.0)				16.4			
-VMA31	1C02-09(12)	\	TI	-2.0	0.5		IN	74S280	74S280	VMFMO	D7
	1C12-15(17)	.i	TI	-0.40	0.2	2.1	DI	93425A	93425A	VMFMO	D1
	1C14-15(17)	.i	TI	-0.40	0.2	1.4	DI	93425A	93425A	VMFMO	B1
	1B23-05(07)	.i	TO	20.0	-1.0	4.0	Q1	25S07	25S07	VMA	B1
	1A06-02	i	TI	-0.40	0.5	4.6	IN1	74S240	74S240	VMA	D3
				-3.20(0.14)/20.0(-1.0)				16.6			
-VMA4	1A10-08	.	TI	-0.40	0.5		IN4	74S240	74S240	VMA	D8
	1C04-15(17)	.i	TI	-0.80	0.2	6.8	I	93S48	93S48	VMFMO	D8
	1CJ1-12	.i	CON						BCPINS	B5	
	1D02-15(17)	.i	TI	-0.40	0.2	3.8	DI	93425A	93425A	VMFMO	D3
	1E17-03(05)	.i	TI	-0.80	0.2	4.6	I	93S48	93S48	VMFMDR	D1
1C22-12(14)	i	TO	20.0	-1.0	5.7	Q4	25S07	25S07	VMA	B8	
				-2.40(0.11)/20.0(-1.0)				28.5			

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SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC (PIN#)											
-VMA5	1A10-06	.	TI	-0.40	0.5		IN3	74S240	74S240	VMA	D8	
	1C04-01(03)	.1	TI	-0.80	0.2	6.5	I	93S48	93S48	VMEM1	D8	
	1CJ1-11	.1					CON			BCPINS	B5	
	1E05-15(17)	.1	TI	-0.40	0.2	5.1	DI	93425A	93425A	VMEM1	D3	
	1E17-02(04)	.1	TI	-0.80	0.2	4.0	I	93S48	93S48	VMEMDR	D1	
	1C22-15(17)	.1	TO	20.0	-1.0	5.7	Q5	25S07	25S07	VMA	B8	
				-2.40(0.11)/20.0(-1.0)			28.9					
-VMA6	1E17-01(03)	.	TI	-0.80	0.2		I	93S48	93S48	VMEMDR	D1	
	1E15-15(17)	.1	TI	-0.40	0.2	2.0	DI	93425A	93425A	VMEM1	B6	
	1D25-02(04)	.1	TO	20.0	-1.0	4.2	Q0	25S07	25S07	VMA	B6	
	1CJ1-10	.1					CON			BCPINS	B5	
	1C04-02(04)	.1	TI	-0.80	0.2	1.6	I	93S48	93S48	VMEM1	D8	
	1A10-04	.1	TI	-0.40	0.5	6.6	IN2	74S240	74S240	VMA	D8	
				-2.40(0.11)/20.0(-1.0)			26.4					
-VMA7	1E13-15(17)	.	TI	-0.40	0.2		DI	93425A	93425A	VMEM1	B6	
	1E17-15(17)	.1	TI	-0.80	0.2	1.7	I	93S48	93S48	VMEMDR	D1	
	1D25-05(07)	.1	TO	20.0	-1.0	5.2	Q1	25S07	25S07	VMA	B6	
	1C04-03(05)	.1	TI	-0.80	0.2	5.5	I	93S48	93S48	VMEM1	D8	
	1CJ1-09	.1					CON			BCPINS	B5	
	1A10-02	.1	TI	-0.40	0.5	7.1	IN1	74S240	74S240	VMA	D8	
				-2.40(0.11)/20.0(-1.0)			27.2					
-VMA8	1E10-15(17)	.1	TI	-0.40	0.2		DI	93425A	93425A	VMEM1	B5	
	1D19-02(04)	.1	TI	-2.0	0.5	3.8	INO	74S258	74S258	VMAS	O6	
	1D25-07(09)	.1	TO	20.0	-1.0	2.1	Q2	25S07	25S07	VMA	B6	
	1C04-04(06)	.1	TI	-0.80	0.2	5.6	I	93S48	93S48	VMEM1	D8	
	1A14-17	.1	TI	-0.40	0.5	5.9	IN5	74S240	74S240	VMA	D6	
				-3.60(0.14)/20.0(-1.0)			21.9					
-VMA9	1E08-15(17)	.1	TI	-0.40	0.2		DI	93425A	93425A	VMEM1	B4	
	1D25-10(12)	.1	TO	20.0	-1.0	5.8	Q3	25S07	25S07	VMA	B6	
	1D19-05(07)	.1	TI	-2.0	0.5	1.8	INO	74S258	74S258	VMAS	D6	
	1C04-05(07)	.1	TI	-0.80	0.2	4.7	I	93S48	93S48	VMEM1	D8	
	1A14-15	.1	TI	-0.40	0.5	6.0	IN6	74S240	74S240	VMA	D6	
				-3.60(0.14)/20.0(-1.0)			22.8					
-VMADRIVE	1A18-11(14)	.1	TO	20.0	-1.0			74S00	74S00	VMA	C1	
	1A12-19	.1	TI	-2.0	0.5	2.1	-FNB	74S240	74S240	VMA	D5	
	1A12-01	.1	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMA	D5	
	1A14-19	.1	TI	-2.0	0.5	1.2	-FNB	74S240	74S240	VMA	D6	
	1A14-01	.1	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMA	D6	
	1A10-19	.1	TI	-2.0	0.5	1.5	-FNB	74S240	74S240	VMA	D8	
	1A10-01	.1	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMA	D8	
	1A06-01	.1	TI	-2.0	0.5	2.4	-FNB	74S240	74S240	VMA	D3	
	1A06-19	.1	TI	-2.0	0.5	.8	-FNB	74S240	74S240	VMA	D3	
				-16.0(0.40)/20.0(-1.0)			20.9					
											OVERLOADED	2
-VMA LNB	1D28-03(08)	.1	TO	20.0	-1.0			74S08	74S080	VCIL2	B2	
	1D25-01(03)	.1	TI	-2.0	0.5	2.2	-FNB	25S07	25S07	VMA	B6	
	1C22-01(03)	.1	TI	-2.0	0.5	1.6	-FNB	25S07	25S07	VMA	B8	
	1C24-01(03)	.1	TI	-2.0	0.5	1.4	-FNB	25S07	25S07	VMA	B5	
	1C25-01(03)	.1	TI	-2.0	0.5	.9	-FNB	25S07	25S07	VMA	B4	
	1B22-01(03)	.1	TI	-2.0	0.5	1.6	-FNB	25S07	25S07	VMA	B2	
	1B23-01(03)	.1	TI	-2.0	0.5	.9	-FNB	25S07	25S07	VMA	B1	
				-12.0(0.30)/20.0(-1.0)			16.1					
-VMAOK	1D17-06(09)	.1	TO	20.0	-1.0			74S00	74S000	VCIL1	B5	
	3E13-15(17)	.1	TI	-2.0	0.5	15.5	D4	74S151	74S151	FLAG	D7	
	3E18-13(16)	.1	TI	-2.0	0.5	1.6	IN	74S32	74S32	FLAG	C4	
	3E18-04(07)	.1	TI	-2.0	0.5	.8	IN	74S32	74S32	FLAG	B4	
	3E16-11	.1	TI	-0.20	0.2	1.8	IN8	74LS244	74LS244	SPY2	B8	
				-6.20(0.17)/20.0(-1.0)			24.2					

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SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
-VMAPO	1D08-17	.	TI	-0.40	0.5		IN5	74S240	74S240	VMFM1	D1
	1D09-07(09)	i.	TOT	16.0	-0.80	1.4	DO	93425A	93425A	VMFM0	D5
	1C01-01(04)	i.	TI	-2.0	0.5	2.4	IN	74S280	74S280	VMFM0	C7
	1C07-07(09)	i.	TOT	16.0	-0.80	2.1	DO	93425A	93425A	VMFM0	B5
	1C10-17	i.	TI	-0.40	0.5	1.7	IN5	74S240	74S240	VMFM2	D1
	1A01-17	i.	TI	-0.40	0.5	4.0	IN5	74S240	74S240	VMEMDR	B1
				-3.20(0.20)/16.0(-0.80) 17.6							
VMAPOA	1E04-06(08)	\	TI	-0.40	0.2		A4	93425A	93425A	VMFM1	B3
	1E05-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	D3
	1D01-06(08)	i.	TI	-0.40	0.2	1.1	A4	93425A	93425A	VMFM1	B3
	1D02-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	D3
	1D08-03	i.	TOT	64.0	-15.0	1.2	-OUT5	74S240	74S240	VMFM1	D1
	1D06-06(08)	i.	TI	-0.40	0.2	1.6	A4	93425A	93425A	VMFM1	D5
	1E10-06(08)	i.	TI	-0.40	0.2	1.1	A4	93425A	93425A	VMFM1	B5
	1E09-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	D4
	1E08-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	B4
	1E13-06(08)	i.	TI	-0.40	0.2	1.5	A4	93425A	93425A	VMFM1	B6
	1E14-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	D6
	1E15-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM1	B6
	1D11-06(08)	i.	TI	-0.40	0.2	1.1	A4	93425A	93425A	VMFM1	D6
				-4.80(0.24)/64.0(-15.0) 29.5							
VMAPOB	1B11-06(08)	.	TI	-0.40	0.2		A4	93425A	93425A	VMFM2	D6
	1B12-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	D6
	1B13-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	D5
	1B14-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	D4
	1B09-06(08)	i.	TI	-0.40	0.2	1.5	A4	93425A	93425A	VMFM2	B6
	1B08-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	B6
	1B07-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	D3
	1B06-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	D3
	1C10-03	i.	TOT	64.0	-15.0	1.3	-OUT5	74S240	74S240	VMFM2	D1
	1C05-06(08)	i.	TI	-0.40	0.2	1.0	A4	93425A	93425A	VMFM2	B2
	1B01-06(08)	i.	TI	-0.40	0.2	1.1	A4	93425A	93425A	VMFM2	B5
	1B02-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	B4
	1B03-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	B3
	1B04-06(08)	i.	TI	-0.40	0.2	.9	A4	93425A	93425A	VMFM2	B3
				-5.20(0.26)/64.0(-15.0) 31.0							
-VMAPI	1D08-15	.	TI	-0.40	0.5		IN6	74S240	74S240	VMFM1	D1
	1D10-07(09)	i.	TOT	16.0	-0.80	1.8	DO	93425A	93425A	VMFM0	D4
	1C01-02(05)	i.	TI	-2.0	0.5	2.1	IN	74S280	74S280	VMFM0	C7
	1C08-07(09)	i.	TOT	16.0	-0.80	2.3	DO	93425A	93425A	VMFM0	B4
	1C10-15	i.	TI	-0.40	0.5	1.2	IN6	74S240	74S240	VMFM2	D1
	1A01-15	i.	TI	-0.40	0.5	4.0	IN6	74S240	74S240	VMFM2	B1
				-3.20(0.20)/16.0(-0.80) 17.4							
VMAPIA	1F04-05(07)	\	TI	-0.40	0.2		A3	93425A	93425A	VMFM1	B3
	1F05-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	D3
	1D01-05(07)	i.	TI	-0.40	0.2	1.1	A3	93425A	93425A	VMFM1	B3
	1D02-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	D3
	1D08-05	i.	TOT	64.0	-15.0	1.5	-OUT6	74S240	74S240	VMFM1	D1
	1D06-05(07)	i.	TI	-0.40	0.2	1.5	A3	93425A	93425A	VMFM1	D5
	1E10-05(07)	i.	TI	-0.40	0.2	1.1	A3	93425A	93425A	VMFM1	B5
	1E09-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	D4
	1E08-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	B4
	1E13-05(07)	i.	TI	-0.40	0.2	1.5	A3	93425A	93425A	VMFM1	B6
	1E14-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	D6
	1E15-05(07)	i.	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM1	B6
	1D11-05(07)	i.	TI	-0.40	0.2	1.1	A3	93425A	93425A	VMFM1	D6
				-4.80(0.24)/64.0(-15.0) 29.7							

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SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
VMAP1B	1B11-05(07)	.	TI	-0.40	0.2		A3	93425A	93425A	VMFM2	D6	
	1B12-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	D6	
	1B13-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	D5	
	1B14-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	D4	
	1B09-05(07)	.i	TI	-0.40	0.2	1.5	A3	93425A	93425A	VMFM2	B6	
	1B08-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	B6	
	1B07-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	D3	
	1B06-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	D3	
	1C10-05	.i	TOF	64.0	-15.0	1.2	-OUT6	74S240	74S240	VMFM2	D1	
	1C05-05(07)	.i	TI	-0.40	0.2	1.3	A3	93425A	93425A	VMFM2	B2	
	1B01-05(07)	.i	TI	-0.40	0.2	1.1	A3	93425A	93425A	VMFM2	B5	
	1B02-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	B4	
	1B03-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	B3	
	1B04-05(07)	.i	TI	-0.40	0.2	.9	A3	93425A	93425A	VMFM2	B3	
					-5.20(0.26)/64.0(-15.0)		31.2					
	-VMAP2	1D08-13	.	TI	-0.40	0.5		1N7	74S240	74S240	VMFM1	D1
1C01-04(07)		.i	TI	-2.0	0.5	2.8	1N	74S280	74S280	VMFM0	C7	
1C06-07(09)		.i	TOF	16.0	-0.80	1.7	DO	93425A	93425A	VMFM0	D3	
1C09-07(09)		.i	TOF	16.0	-0.80	1.9	DO	93425A	93425A	VMFM0	B3	
1C10-13		.i	TI	-0.40	0.5	.7	1N7	74S240	74S240	VMFM2	D1	
1A01-13		.i	TI	-0.40	0.5	4.0	1N7	74S240	74S240	VMFM0R	B1	
				-3.20(0.20)/16.0(-0.80)		17.1						
VMAP2A	1E04-04(06)	\	TI	-0.40	0.2		A2	93425A	93425A	VMFM1	B3	
	1E05-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	D3	
	1D01-04(06)	.i	TI	-0.40	0.2	1.1	A2	93425A	93425A	VMFM1	B3	
	1D02-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	D3	
	1D08-07	.i	TOF	64.0	-15.0	1.7	-OUT7	74S240	74S240	VMFM1	D1	
	1D06-04(06)	.i	TI	-0.40	0.2	1.5	A2	93425A	93425A	VMFM1	D5	
	1F10-04(06)	.i	TI	-0.40	0.2	1.1	A2	93425A	93425A	VMFM1	B5	
	1F09-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	B4	
	1E08-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	B4	
	1F13-04(06)	.i	TI	-0.40	0.2	1.5	A2	93425A	93425A	VMFM1	B6	
	1F14-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	D6	
	1E15-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM1	B6	
	1D11-04(06)	.i	TI	-0.40	0.2	1.1	A2	93425A	93425A	VMFM1	D6	
				-4.80(0.24)/64.0(-15.0)		79.9						
VMAP2B	1B11-04(06)	.	TI	-0.40	0.2		A2	93425A	93425A	VMFM2	D6	
	1B12-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	D6	
	1B13-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	D5	
	1B14-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	D4	
	1B09-04(06)	.i	TI	-0.40	0.2	1.5	A2	93425A	93425A	VMFM2	B6	
	1B08-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	B6	
	1B07-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	D3	
	1B06-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	D3	
	1C10-07	.i	TOF	64.0	-15.0	1.2	-OUT7	74S240	74S240	VMFM2	D1	
	1C05-04(06)	.i	TI	-0.40	0.2	1.6	A2	93425A	93425A	VMFM2	B2	
	1B01-04(06)	.i	TI	-0.40	0.2	1.1	A2	93425A	93425A	VMFM2	B5	
	1B02-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	B4	
	1B03-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	B3	
1B04-04(06)	.i	TI	-0.40	0.2	.9	A2	93425A	93425A	VMFM2	B3		
				-5.20(0.26)/64.0(-15.0)		31.5						
-VMAP3	1D08-11	.	TI	-0.40	0.5		1N8	74S240	74S240	VMFM1	D1	
	1C01-08(11)	.i	TI	-2.0	0.5	2.5	1N	74S280	74S280	VMFM0	C7	
	1C11-07(09)	.i	TOF	16.0	-0.80	2.0	DO	93425A	93425A	VMFM0	D2	
	1C13-07(09)	.i	TOF	16.0	-0.80	1.4	DO	93425A	93425A	VMFM0	B2	
	1C10-11	.i	TI	-0.40	0.5	1.7	1N8	74S240	74S240	VMFM2	D1	
	1A01-11	.i	TI	-0.40	0.5	4.0	1N8	74S240	74S240	VMFM0R	B1	
				-3.20(0.20)/16.0(-0.80)		18.2						

CADR PROC FSSOR		CADRWD:CADR4 WLR		29-FEB-80 2117							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPI TYPE	BODY	FILE	POS
VMAP3A	1F13-03(05)	\	TI	-0.40	0.2		A1	93425A	93425A	VMEF1	B6
	1F14-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	D6
	1F15-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	B6
	1D11-03(05)	.i	TI	-0.40	0.2	1.1	A1	93425A	93425A	VMEF1	D6
	1D08-09	.i	TOT	64.0	-15.0	1.7	-OUT8	745240	745240	VMEF1	D1
	1D06-03(05)	.i	TI	-0.40	0.2	1.5	A1	93425A	93425A	VMEF1	D5
	1F10-03(05)	.i	TI	-0.40	0.2	1.1	A1	93425A	93425A	VMEF1	B5
	1F09-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	D4
	1F08-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	B4
	1F04-03(05)	.i	TI	-0.40	0.2	1.7	A1	93425A	93425A	VMEF1	B3
	1F05-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	D3
	1D01-03(05)	.i	TI	-0.40	0.2	1.1	A1	93425A	93425A	VMEF1	B3
	1D02-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF1	D3
	-4.80(0.24)/64.0(-15.0) 30.1										
VMAP3B	1C05-03(05)	.i	TI	-0.40	0.2		A1	93425A	93425A	VMEF2	B2
	1B01-03(05)	.i	TI	-0.40	0.2	1.1	A1	93425A	93425A	VMEF2	B5
	1B02-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	B4
	1B03-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	B3
	1B04-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	B3
	1B09-03(05)	.i	TI	-0.40	0.2	1.5	A1	93425A	93425A	VMEF2	B6
	1B08-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	B6
	1B07-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	D3
	1B06-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	D3
	1C10-09	.i	TOT	64.0	-15.0	1.3	-OUT8	745240	745240	VMEF2	D1
	1B11-03(05)	.i	TI	-0.40	0.2	1.4	A1	93425A	93425A	VMEF2	D6
	1B12-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	D6
	1B13-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	D5
	1B14-03(05)	.i	TI	-0.40	0.2	.9	A1	93425A	93425A	VMEF2	D4
-5.20(0.26)/64.0(-15.0) 31.4											
-VMAP4	1D08-08	.i	TI	-0.40	0.5		IN4	745240	745240	VMEF1	D1
	1C01-09(12)	.i	TI	-2.0	0.5	2.2	IN	745280	745280	VMEF0	C7
	1C12-07(09)	.i	TOT	16.0	-0.80	2.8	DO	93425A	93425A	VMEF0	D1
	1C14-07(09)	.i	TOT	16.0	-0.80	1.4	DO	93425A	93425A	VMEF0	B1
	1C10-08	.i	TI	-0.40	0.5	1.7	IN4	745240	745240	VMEF2	D1
	1A01-08	.i	TI	-0.40	0.5	4.0	IN4	745240	745240	VMEFDR	B1
-3.20(0.20)/16.0(-0.80) 18.1											
VMAP4A	1F13-02(04)	\	TI	-0.40	0.2		A0	93425A	93425A	VMEF1	B6
	1F14-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	D6
	1F15-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	B6
	1D11-02(04)	.i	TI	-0.40	0.2	1.1	A0	93425A	93425A	VMEF1	D6
	1D08-12	.i	TOT	64.0	-15.0	1.4	-OUT4	745240	745240	VMEF1	D1
	1D06-02(04)	.i	TI	-0.40	0.2	1.3	A0	93425A	93425A	VMEF1	D5
	1F10-02(04)	.i	TI	-0.40	0.2	1.1	A0	93425A	93425A	VMEF1	B5
	1F09-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	D4
	1F08-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	B4
	1F04-02(04)	.i	TI	-0.40	0.2	1.7	A0	93425A	93425A	VMEF1	B3
	1F05-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	D3
	1D01-02(04)	.i	TI	-0.40	0.2	1.1	A0	93425A	93425A	VMEF1	B3
	1D02-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF1	D3
	-4.80(0.24)/64.0(-15.0) 29.6										
VMAP4B	1C05-02(04)	.i	TI	-0.40	0.2		A0	93425A	93425A	VMEF2	B2
	1B01-02(04)	.i	TI	-0.40	0.2	1.1	A0	93425A	93425A	VMEF2	B5
	1B02-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	B4
	1B03-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	B3
	1B04-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	B3
	1B09-02(04)	.i	TI	-0.40	0.2	1.5	A0	93425A	93425A	VMEF2	B6
	1B08-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	B6
	1B07-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	D3
	1B06-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	D3
	1C10-12	.i	TOT	64.0	-15.0	1.6	-OUT4	745240	745240	VMEF2	D1
	1B11-02(04)	.i	TI	-0.40	0.2	1.6	A0	93425A	93425A	VMEF2	D6
	1B12-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	D6
	1B13-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	D5
	1B14-02(04)	.i	TI	-0.40	0.2	.9	A0	93425A	93425A	VMEF2	D4
-5.20(0.26)/64.0(-15.0) 31.9											

CADR PROCESSOR		CADRWD:CADR4 WLR			29-FEB-80 2117						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
-VMAS0	1C28-04(08) 1C22-03(05)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.7	-OUT D0	74S258 25S07	74S258 25S07	VMAS VMA	B8 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS1	1C28-07(09) 1C22-04(06)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.9	-OUT D1	74S258 25S07	74S258 25S07	VMAS VMA	B8 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS10	1D30-09(11) 1D25-13(15)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.0	-OUT D4	74S258 25S07	74S258 25S07	VMAS VMA	B6 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS11	1D30-12(14) 1D25-14(18)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.7	-OUT D5	74S258 25S07	74S258 25S07	VMAS VMA	B6 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS12	1C24-03(05) 1B26-04(06)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.1	D0 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS13	1C24-04(06) 1B26-07(09)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.3	D1 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B5
				-2.0(0.5)/20.0(-1.0)							
-VMAS14	1C24-06(08) 1B26-09(11)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.0	D2 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B5
				-2.0(0.5)/20.0(-1.0)							
-VMAS15	1C24-11(13) 1B26-12(14)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.0	D3 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B5
				-2.0(0.5)/20.0(-1.0)							
-VMAS16	1C24-13(15) 1B29-04(06)	i	TI TOT	-2.0 20.0	0.5 -1.0	3.6	D4 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B4
				-2.0(0.5)/20.0(-1.0)							
-VMAS17	1C24-14(16) 1B29-07(09)	i	TI TOT	-2.0 20.0	0.5 -1.0	3.8	D5 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B5 B4
				-2.0(0.5)/20.0(-1.0)							
-VMAS18	1C25-03(05) 1B29-09(11)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.9	D0 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B4
				-2.0(0.5)/20.0(-1.0)							
-VMAS19	1C25-04(06) 1B29-12(14)	i	TI TOT	-2.0 20.0	0.5 -1.0	2.7	D1 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B4
				-2.0(0.5)/20.0(-1.0)							
-VMAS2	1C28-09(11) 1C22-06(08)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.8	-OUT D2	74S258 25S07	74S258 25S07	VMAS VMA	B8 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS20	1C25-06(08) 1A27-04(06)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.5	D2 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B3
				-2.0(0.5)/20.0(-1.0)							
-VMAS21	1C25-11(13) 1A27-07(09)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.8	D3 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B3
				-2.0(0.5)/20.0(-1.0)							
-VMAS22	1C25-13(15) 1A27-09(11)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.8	D4 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B3
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR		20-FEB-80 2118							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
-VMAS23	1C25-14(16) 1A27-12(14)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.6	D5 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B4 B3
				-2.0(0.5)/20.0(-1.0)							
-VMAS24	2B04-04(06) 1B22-03(05)	i	TOT TI	20.0 -2.0	-1.0 0.5	4.4	-OUT D0	74S258 25S07	74S258 25S07	VMAS VMA	B2 B2
				-2.0(0.5)/20.0(-1.0)							
-VMAS25	2B04-07(09) 1B22-04(06)	i	TOT TI	20.0 -2.0	-1.0 0.5	4.6	-OUT D1	74S258 25S07	74S258 25S07	VMAS VMA	B2 B2
				-2.0(0.5)/20.0(-1.0)							
-VMAS26	2B04-00(11) 1B22-06(08)	i	TOT TI	20.0 -2.0	-1.0 0.5	4.4	-OUT D2	74S258 25S07	74S258 25S07	VMAS VMA	B2 B2
				-2.0(0.5)/20.0(-1.0)							
-VMAS27	2B04-12(14) 1B22-11(13)	i	TOT TI	20.0 -2.0	-1.0 0.5	4.2	-OUT D3	74S258 25S07	74S258 25S07	VMAS VMA	B2 B2
				-2.0(0.5)/20.0(-1.0)							
-VMAS28	1B22-13(15) 1A29-04(06)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.6	D4 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B2 B1
				-2.0(0.5)/20.0(-1.0)							
-VMAS29	1B22-14(16) 1A29-07(09)	i	TI TOT	-2.0 20.0	0.5 -1.0	4.7	D5 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B2 B1
				-2.0(0.5)/20.0(-1.0)							
-VMAS3	1C28-12(14) 1C22-11(13)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.6	-OUT D3	74S258 25S07	74S258 25S07	VMAS VMA	B8 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS30	1B23-03(05) 1A29-09(11)	i	TI TOT	-2.0 20.0	0.5 -1.0	3.8	D0 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B1 B1
				-2.0(0.5)/20.0(-1.0)							
-VMAS31	1B23-04(06) 1A29-12(14)	i	TI TOT	-2.0 20.0	0.5 -1.0	3.6	D1 -OUT	25S07 74S258	25S07 74S258	VMA VMAS	B1 B1
				-2.0(0.5)/20.0(-1.0)							
-VMAS4	2B01-04(06) 1C22-13(15)	i	TOT TI	20.0 -2.0	-1.0 0.5	4.9	-OUT D4	74S258 25S07	74S258 25S07	VMAS VMA	B7 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS5	2B01-07(09) 1C22-14(16)	i	TOT TI	20.0 -2.0	-1.0 0.5	5.3	-OUT D5	74S258 25S07	74S258 25S07	VMAS VMA	B7 B8
				-2.0(0.5)/20.0(-1.0)							
-VMAS6	2B01-09(11) 1D25-03(05)	i	TOT TI	20.0 -2.0	-1.0 0.5	5.7	-OUT D0	74S258 25S07	74S258 25S07	VMAS VMA	B7 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS7	2B01-12(14) 1D25-04(06)	i	TOT TI	20.0 -2.0	-1.0 0.5	5.4	-OUT D1	74S258 25S07	74S258 25S07	VMAS VMA	B7 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS8	1D30-04(06) 1D25-06(08)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.3	-OUT D2	74S258 25S07	74S258 25S07	VMAS VMA	B6 B6
				-2.0(0.5)/20.0(-1.0)							
-VMAS9	1D30-07(09) 1D25-11(13)	i	TOT TI	20.0 -2.0	-1.0 0.5	1.7	-OUT D3	74S258 25S07	74S258 25S07	VMAS VMA	B6 B6
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2118								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
VMASELA	1D28-08(09)	\	TO	20.0	-1.0				74S08	74S080	VCTL2	B2
	2B04-01(03)	.i	TI	-4.0	0.10	6.7	SEL		74S258	74S258	VMAS	B2
	1H29-01(03)	.i	TI	-4.0	0.10	3.0	SEL		74S258	74S258	VMAS	B4
	1A27-01(03)	.i	TI	-4.0	0.10	2.1	SEL		74S258	74S258	VMAS	B3
	1A29-01(03)	.i	TI	-4.0	0.10	1.4	SEL		74S258	74S258	VMAS	B1
				-16.0(0.40)/20.0(-1.0)		17.7					OVERLOADED	2
VMASELB	2B01-01(03)	\	TI	-4.0	0.10		SEL		74S258	74S258	VMAS	B7
	1B26-01(03)	.i	TI	-4.0	0.10	3.0	SEL		74S258	74S258	VMAS	B5
	1C28-01(03)	.i	TI	-4.0	0.10	2.1	SEL		74S258	74S258	VMAS	B8
	1D30-01(03)	.i	TI	-4.0	0.10	2.1	SEL		74S258	74S258	VMAS	B6
	1D28-08(11)	.i	TO	20.0	-1.0	1.9			74S08	74S080	VCTL2	C2
				-16.0(0.40)/20.0(-1.0)		13.6					OVERLOADED	2
-VM00	1A13-17	.	TI	-0.40	0.5		IN5		74S240	74S240	VMEMDR	B8
	1D16-18	.i	TI	-0.25	0.5	7.6	D7		74S373	74S373	VMEMDR	D8
	1D11-07(09)	.i	TOT	16.0	-0.80	2.3	DO		93425A	93425A	VMEM1	D6
	1D03-11(13)	.i	TI	-0.80	0.2	2.9	I		93S48	93S48	VMEM2	D8
				-1.45(0.12)/16.0(-0.80)		15.8						
-VM01	1A13-15	.	TI	-0.40	0.5		IN0		74S240	74S240	VMEMDR	B8
	1D16-17	.i	TI	-0.25	0.5	7.6	D6		74S373	74S373	VMEMDR	D8
	1D03-12(14)	.i	TI	-0.60	0.2	2.6	I		93S48	93S48	VMEM2	D8
	1E14-07(09)	.i	TOT	16.0	-0.80	3.5	DO		93425A	93425A	VMEM1	D6
				-1.45(0.12)/16.0(-0.80)		16.7						
-VM010	1A03-13	.	TI	-0.40	0.5		IN7		74S240	74S240	VMEMDR	B5
	1D14-14	.i	TI	-0.25	0.5	8.3	D5		74S373	74S373	VMEMDR	D5
	1D03-06(08)	.i	TI	-0.80	0.2	2.6	I		93S48	93S48	VMEM2	D8
	1D01-07(09)	.i	TOT	16.0	-0.80	1.5	DO		93425A	93425A	VMEM1	B3
				-1.45(0.12)/16.0(-0.80)		15.4						
-VM011	1A03-11	.	TI	-0.40	0.5		IN8		74S240	74S240	VMEMDR	B5
	1D14-13	.i	TI	-0.25	0.5	8.3	D4		74S373	74S373	VMEMDR	D5
	1D03-07(09)	.i	TI	-0.80	0.2	2.6	I		93S48	93S48	VMEM2	D8
	1E04-07(09)	.i	TOT	16.0	-0.80	2.6	DO		93425A	93425A	VMEM1	B3
				-1.45(0.12)/16.0(-0.80)		16.5						
-VM012	1A03-08	.	TI	-0.40	0.5		IN4		74S240	74S240	VMEMDR	B5
	1B11-07(09)	.i	TOT	16.0	-0.80	4.8	DO		93425A	93425A	VMEM2	D8
	1B17-11(13)	.i	TI	-0.80	0.2	1.5	I		93S48	93S48	VMEM2	C8
	1D14-08	.i	TI	-0.25	0.5	4.7	D3		74S373	74S373	VMEMDR	D5
				-1.45(0.12)/16.0(-0.80)		14.0						
-VM013	1D14-07	.	TI	-0.25	0.5		D2		74S373	74S373	VMEMDR	D5
	1B17-12(14)	.i	TI	-0.80	0.2	4.7	I		93S48	93S48	VMEM2	C8
	1B12-07(09)	.i	TOT	16.0	-0.80	1.4	DO		93425A	93425A	VMEM2	D6
	1A03-06	.i	TI	-0.40	0.5	4.5	IN3		74S240	74S240	VMEMDR	B5
				-1.45(0.12)/16.0(-0.80)		13.6						
-VM014	1B17-13(15)	\	TI	-0.80	0.2		I		93S48	93S48	VMEM2	C8
	1B13-07(09)	.i	TOT	16.0	-0.80	1.6	DO		93425A	93425A	VMEM2	D5
	1A03-04	.i	TI	-0.40	0.5	4.3	IN2		74S240	74S240	VMEMDR	B5
				-1.20(0.7)/16.0(-0.80)		7.4						
-VM015	1B17-14(16)	\	TI	-0.80	0.2		I		93S48	93S48	VMEM2	C8
	1B14-07(09)	.i	TOT	16.0	-0.80	1.9	DO		93425A	93425A	VMEM2	D4
	1A03-02	.i	TI	-0.40	0.5	4.1	IN1		74S240	74S240	VMEMDR	B5
				-1.20(0.7)/16.0(-0.80)		7.5						
-VM016	1B17-15(17)	\	TI	-0.80	0.2		I		93S48	93S48	VMEM2	C8
	1B06-07(09)	.i	TOT	16.0	-0.80	2.2	DO		93425A	93425A	VMEM2	D3
	1A07-17	.i	TI	-0.40	0.5	3.4	IN5		74S240	74S240	VMEMDR	B3
				-1.20(0.7)/16.0(-0.80)		7.1						

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2118					
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-VM017	1R17-01(03)	\	TI	-0.80	0.2		I	93S48	93S48	VMFM2	C8
	1B07-07(09)	.i	TOT	16.0	-0.80	2.0	DO	93425A	93425A	VMFM2	D3
	1A07-16	i	TI	-0.40	0.5	2.9	IN6	74S240	74S240	VMEMDR	B3
				-1.20(0.7)/16.0(-0.80)				6.4			
VM018	2F24-09(12)	.	TIS	-2.0	0.5			74S64	74S64	DRAM0	D1
	2F05-09(12)	.i	TIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1
	2F04-06(09)	.i	TO	20.0	-1.0	.6		74S04	74S04A	DRAM1	C3
	2F01-09(12)	i	TIS	-2.0	0.5	2.2		74S64	74S64	DRAM2	D1
				-6.0(0.15)/20.0(-1.0)				10.7			
-VM018	2F04-05(08)	.	TI	-2.0	0.5			74S04	74S04A	DRAM1	C3
	1B17-02(04)	.i	TI	-0.80	0.2	11.8	I	93S48	93S48	VMEM2	C8
	1B08-07(09)	.i	TOT	16.0	-0.80	2.2	DO	93425A	93425A	VMFM2	B6
	1A07-13	i	TI	-0.40	0.5	2.4	IN7	74S240	74S240	VMEMDR	B3
				-3.20(0.12)/16.0(-0.80)				19.4			
VM019	2F24-02(05)	.	TIS	-2.0	0.5			74S64	74S64	DRAM0	D1
	2F05-02(05)	.i	TIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1
	2F04-04(07)	.i	TO	20.0	-1.0	1.0		74S04	74S04A	DRAM1	C3
	2F01-02(05)	i	TIS	-2.0	0.5	2.0		74S64	74S64	DRAM2	D1
				-6.0(0.15)/20.0(-1.0)				10.9			
-VM019	2F04-03(06)	.	TI	-2.0	0.5			74S04	74S04A	DRAM1	C3
	1B17-03(05)	.i	TI	-0.80	0.2	11.7	I	93S48	93S48	VMFM2	C8
	1B09-07(09)	.i	TOT	16.0	-0.80	2.5	DO	93425A	93425A	VMFM2	B6
	1A07-11	i	TI	-0.40	0.5	1.9	IN8	74S240	74S240	VMEMDR	B3
				-3.20(0.12)/16.0(-0.80)				19.1			
-VM02	1A13-13	.	TI	-0.40	0.5		IN7	74S240	74S240	VMEMDR	B8
	1D15-14	.i	TI	-0.25	0.5	7.6	D5	74S373	74S373	VMEMDR	D8
	1D06-07(09)	.i	TOT	16.0	-0.80	2.4	DO	93425A	93425A	VMEM1	D5
	1D03-13(15)	i	TI	-0.80	0.2	2.0	I	93S48	93S48	VMEM2	D8
				-1.45(0.12)/16.0(-0.80)				15.0			
-VM020	1B01-07(09)	\	TOT	16.0	-0.80		DO	93425A	93425A	VMEM2	B5
	1B17-04(06)	.i	TI	-0.80	0.2	3.5	I	93S48	93S48	VMEM2	C8
	1A07-08	i	TI	-0.40	0.5	3.8	IN4	74S240	74S240	VMEMDR	B3
				-1.20(0.7)/16.0(-0.80)				8.8			
-VM021	1R17-05(07)	\	TI	-0.80	0.2		I	93S48	93S48	VMEM2	C8
	1B02-07(09)	.i	TOT	16.0	-0.80	3.5	DO	93425A	93425A	VMEM2	B4
	1A07-06	i	TI	-0.40	0.5	3.3	IN3	74S240	74S240	VMEMDR	B3
				-1.20(0.7)/16.0(-0.80)				8.3			
-VM022	1D14-04	.	TI	-0.25	0.5		D1	74S373	74S373	VMEMDR	D5
	1B17-06(08)	.i	TI	-0.80	0.2	5.1	I	93S48	93S48	VMEM2	C8
	1B03-07(09)	.i	TOT	16.0	-0.80	3.7	DO	93425A	93425A	VMEM2	B3
	1A07-04	i	TI	-0.40	0.5	2.7	IN2	74S240	74S240	VMEMDR	B3
				-1.45(0.12)/16.0(-0.80)				14.5			
-VM023	1D14-03	.	TI	-0.25	0.5		DO	74S373	74S373	VMEMDR	D5
	1B17-07(09)	.i	TI	-0.80	0.2	5.2	I	93S48	93S48	VMEM2	C8
	1B04-07(09)	.i	TOT	16.0	-0.80	3.9	DO	93425A	93425A	VMEM2	B3
	1A07-02	i	TI	-0.40	0.5	2.2	IN1	74S240	74S240	VMEMDR	B3
				-1.45(0.12)/16.0(-0.80)				14.3			
-VM03	1A13-11	.	TI	-0.40	0.5		IN8	74S240	74S240	VMEMDR	B8
	1D15-13	.i	TI	-0.25	0.5	7.6	D4	74S373	74S373	VMEMDR	D8
	1D03-14(16)	.i	TI	-0.80	0.2	3.1	I	93S48	93S48	VMEM2	D8
	1E09-07(09)	i	TOT	16.0	-0.80	2.9	DO	93425A	93425A	VMEM1	D4
				-1.45(0.12)/16.0(-0.80)				16.6			

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2118								
SIGNAL NAME	LOC(PIN#)	Z	IYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-VMO4	1A13-08	.	TI	-0.40	0.5			IN4	74S240	74S240	VMEMDR	B8
	1D15-08	.i	TI	-0.25	0.5	7.5		D3	74S373	74S373	VMEMDR	D8
	1D02-07(09)	.i	TOT	16.0	-0.80	3.0		D0	93425A	93425A	VMEM1	D3
	1E03-15(17)	i	TI	-0.80	0.2	1.0		I	93S48	93S48	VMEM2	D8
				-1.45(0.12)/16.0(-0.80)			14.5					
-VMO5	1A13-08	.	TI	-0.40	0.5			IN3	74S240	74S240	VMEMDR	B8
	1D15-07	.i	TI	-0.25	0.5	7.6		D2	74S373	74S373	VMEMDR	D8
	1D03-01(03)	.i	TI	-0.80	0.2	3.2		I	93S48	93S48	VMEM2	D8
	1E05-07(09)	i	TOT	16.0	-0.80	2.3		D0	93425A	93425A	VMEM1	D3
				-1.45(0.12)/16.0(-0.80)			16.1					
-VMO6	1A13-04	.	TI	-0.40	0.5			IN2	74S240	74S240	VMEMDR	B8
	1D15-04	.i	TI	-0.25	0.5	7.5		D1	74S373	74S373	VMEMDR	D8
	1D03-02(04)	.i	TI	-0.80	0.2	2.9		I	93S48	93S48	VMEM2	D8
	1E15-07(09)	i	TOT	16.0	-0.80	3.6		D0	93425A	93425A	VMEM1	B6
				-1.45(0.12)/16.0(-0.80)			17.0					
-VMO7	1A13-02	.	TI	-0.40	0.5			IN1	74S240	74S240	VMEMDR	B8
	1D15-03	.i	TI	-0.25	0.5	7.6		D0	74S373	74S373	VMEMDR	D8
	1D03-03(05)	.i	TI	-0.80	0.2	2.7		I	93S48	93S48	VMEM2	D8
	1E13-07(09)	i	TOT	16.0	-0.80	4.2		D0	93425A	93425A	VMEM1	B6
				-1.45(0.12)/16.0(-0.80)			17.5					
-VMO8	1A03-17	.	TI	-0.40	0.5			IN5	74S240	74S240	VMEMDR	B5
	1D03-04(06)	.i	TI	-0.80	0.2	8.3		I	93S48	93S48	VMEM2	D8
	1D14-18	.i	TI	-0.25	0.5	2.4		D7	74S373	74S373	VMEMDR	D5
	1E10-07(09)	i	TOT	16.0	-0.80	2.4		D0	93425A	93425A	VMEM1	B5
				-1.45(0.12)/16.0(-0.80)			16.1					
-VMO9	1A03-15	.	TI	-0.40	0.5			IN6	74S240	74S240	VMEMDR	B5
	1D14-17	.i	TI	-0.25	0.5	8.3		D6	74S373	74S373	VMEMDR	D5
	1D03-05(07)	.i	TI	-0.80	0.2	2.4		I	93S48	93S48	VMEM2	D8
	1E08-07(09)	i	TOT	16.0	-0.80	3.4		D0	93425A	93425A	VMEM1	B4
				-1.45(0.12)/16.0(-0.80)			17.1					
VMOPAR	1D12-09(12)	.	TI	-2.0	0.5				74S86	74S86	VMEM2	A8
	1C05-07(09)	i	TOT	16.0	-0.80	5.5		D0	93425A	93425A	VMEM2	B2
				-2.0(0.5)/16.0(-0.80)								
VMOPARCK	1D12-10(13)	.	TI	-2.0	0.5				74S86	74S86	VMEM2	A8
	1D12-06(09)	i	IO	20.0	-1.0	.8			74S86	74S86	VMEM2	A8
				-2.0(0.5)/20.0(-1.0)								
VMOPARI	1D12-05(08)	.	TI	-2.0	0.5				74S86	74S86	VMEM2	A8
	1D03-09(11)	i	TO	20.0	-1.0	2.5		E	93S48	93S48	VMEM2	D8
				-2.0(0.5)/20.0(-1.0)								
VMOPARM	1D12-04(07)	.	TI	-2.0	0.5				74S86	74S86	VMEM2	A8
	1B17-09(11)	i	IO	20.0	-1.0	5.7		E	93S48	93S48	VMEM2	C8
				-2.0(0.5)/20.0(-1.0)								
VMOPARODD	1F26-05(08)	.	TI	-2.0	0.5			IN	74S32	74S32	VMEM0	A8
	1D12-08(11)	i	TO	20.0	-1.0	4.7			74S86	74S86	VMEM2	A8
				-2.0(0.5)/20.0(-1.0)								
VMOPAROK	2FJ1-17	.						CON		CPINS	B1	
	1E26-06(09)	i	TO	20.0	-1.0	3.2		OUT	74S32	74S32	VMEM0	A8
				0.0/20.0								

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2118							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
VPARI	1D04-07(09)	\	TOT	16.0	-0.80		DO	93425A	93425A	VMFMO	D6
	1D06-07(09)	.i	TOI	16.0	-0.80	.9	DO	93425A	93425A	VMFMO	B6
	1C01-10(13)	i	TI	-2.0	0.5	.9	IN	74S280	74S280	VMFMO	C7
				-2.0(0.5)/16.0(-0.80) 3.3							
WADRO	4A18-02(04)	\	TI	-2.0	0.5		INO	74S258	74S258	MCTL	D4
	4H19-02(04)	.i	TI	-2.0	0.5	2.6	INO	74S258	74S258	MCTL	D1
	4H18-02(04)	i	TI	-2.0	0.5	.9	B0	93S46	93S46	MCTL	B1
	3H26-02(04)	.i	TO	20.0	-1.0	6.4	Q0	74S174	74S174	ACTL	B4
	3H21-02(04)	i	TI	-2.0	0.5	1.5	B0	93S46	93S46	ACTL	B6
	3A16-02(04)	.i	TI	-2.0	0.5	3.4	INO	74S258	74S258	ACTL	D3
3A06-02(04)	i	TI	-2.0	0.5	2.6	INO	74S258	74S258	ACTL	D6	
				-12.0(0.30)/20.0(-1.0) 24.9							
WADR1	4A18-05(07)	\	TI	-2.0	0.5		INO	74S258	74S258	MCTL	D4
	4H19-05(07)	.i	TI	-2.0	0.5	2.6	INO	74S258	74S258	MCTL	D1
	4H18-04(06)	i	TI	-2.0	0.5	1.0	B1	93S46	93S46	MCTL	B1
	3H26-05(07)	.i	TO	20.0	-1.0	6.3	Q0	74S174	74S174	ACTL	B4
	3H21-04(06)	i	TI	-2.0	0.5	1.6	B1	93S46	93S46	ACTL	B6
	3A16-05(07)	.i	TI	-2.0	0.5	3.3	INO	74S258	74S258	ACTL	D3
3A06-05(07)	i	TI	-2.0	0.5	2.6	INO	74S258	74S258	ACTL	D6	
				-12.0(0.30)/20.0(-1.0) 24.9							
WADR2	4A18-11(13)	\	TI	-2.0	0.5		INO	74S258	74S258	MCTL	D4
	4H19-11(13)	.i	TI	-2.0	0.5	2.6	INO	74S258	74S258	MCTL	D1
	4H18-06(08)	i	TI	-2.0	0.5	.6	B2	93S46	93S46	MCTL	B1
	3H26-07(09)	.i	TO	20.0	-1.0	6.3	Q0	74S174	74S174	ACTL	B4
	3H21-06(08)	i	TI	-2.0	0.5	1.6	B2	93S46	93S46	ACTL	B6
	3A16-11(13)	.i	TI	-2.0	0.5	3.1	INO	74S258	74S258	ACTL	D3
3A06-11(13)	i	TI	-2.0	0.5	2.6	INO	74S258	74S258	ACTL	D6	
				-12.0(0.30)/20.0(-1.0) 24.3							
WADR3	4A18-14(16)	\	TI	-2.0	0.5		INO	74S258	74S258	MCTL	D4
	4H19-14(16)	.i	TI	-2.0	0.5	2.6	INO	74S258	74S258	MCTL	D1
	4H18-11(13)	i	TI	-2.0	0.5	1.0	B3	93S46	93S46	MCTL	B1
	3H26-10(12)	.i	TO	20.0	-1.0	6.3	Q0	74S174	74S174	ACTL	B4
	3H21-11(13)	i	TI	-2.0	0.5	1.6	B3	93S46	93S46	ACTL	B6
	3A16-14(16)	.i	TI	-2.0	0.5	3.5	INO	74S258	74S258	ACTL	D3
3A06-14(16)	i	TI	-2.0	0.5	2.6	INO	74S258	74S258	ACTL	D6	
				-12.0(0.30)/20.0(-1.0) 25.1							
WADR4	4A18-02(04)	\	TI	-2.0	0.5		INO	74S258	74S258	MCTL	D2
	4A16-14(16)	.i	TI	-2.0	0.5	.8	INO	74S258	74S258	MCTL	D2
	4H18-13(15)	i	TI	-2.0	0.5	2.2	B4	93S46	93S46	MCTL	B1
	3H28-15(17)	.i	TO	20.0	-1.0	6.5	Q3	25S09	25S09	ACTL	B2
	3H21-13(15)	i	TI	-2.0	0.5	1.8	B4	93S46	93S46	ACTL	B6
	3A21-02(04)	.i	TI	-2.0	0.5	3.5	INO	74S258	74S258	ACTL	D1
3A12-02(04)	i	TI	-2.0	0.5	2.7	INO	74S258	74S258	ACTL	D6	
				-12.0(0.30)/20.0(-1.0) 26.0							
WADR5	3A12-05(07)	.	TI	-2.0	0.5		INO	74S258	74S258	ACTL	D6
	3A21-05(07)	.i	TI	-2.0	0.5	2.7	INO	74S258	74S258	ACTL	D1
	3H28-10(12)	.i	TO	20.0	-1.0	2.8	Q2	25S09	25S09	ACTL	B2
	3H21-15(17)	i	TI	-2.0	0.5	2.3	B6	93S46	93S46	ACTL	B6
				-6.0(0.15)/20.0(-1.0) 10.8							
WADR6	3A12-11(13)	.	TI	-2.0	0.5		INO	74S258	74S258	ACTL	D6
	3A21-11(13)	.i	TI	-2.0	0.5	2.7	INO	74S258	74S258	ACTL	D1
	3H28-07(09)	.i	TO	20.0	-1.0	2.3	Q1	25S09	25S09	ACTL	B2
	3H27-02(04)	i	TI	-2.0	0.5	1.2	B0	93S46	93S46	ACTL	B6
				-6.0(0.15)/20.0(-1.0) 9.2							

CADR PROFESSOR		CADRWD:CADR4 WLR		29-FEB-80 2118							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
WADR7	3A12-14(16)	.	TI	-2.0	0.5		INO	74S258	74S258	ACTL	D5
	3A21-14(16)	.i	TI	-2.0	0.5	2.7	INO	74S258	74S258	ACTL	D1
	3B28-02(04)	.i	TO	20.0	-1.0	2.2	Q0	25S09	25S09	ACTL	B2
	3B27-04(06)	i	TI	-2.0	0.5	1.0	B1	93S46	93S46	ACTL	B6
				-6.0(0.15)/20.0(-1.0)		8.9					
WADR8	3B27-06(08)	.	TI	-2.0	0.5		B2	93S46	93S46	ACTL	B6
	3B29-15(17)	.i	TO	20.0	-1.0	1.3	Q3	25S09	25S09	ACTL	B1
	3B15-11(13)	.i	TI	-2.0	0.5	3.4	INO	74S258	74S258	ACTL	D4
	3B15-02(04)	i	TI	-2.0	0.5	.9	INO	74S258	74S258	ACTL	D4
				-6.0(0.15)/20.0(-1.0)		8.6					
WADR9	3B27-11(13)	.	TI	-2.0	0.5		B3	93S46	93S46	ACTL	B6
	3B29-10(12)	.i	TO	20.0	-1.0	1.5	Q2	25S09	25S09	ACTL	B1
	3B15-05(07)	.i	TI	-2.0	0.5	4.0	INO	74S258	74S258	ACTL	D4
	3B15-14(16)	i	TI	-2.0	0.5	.8	INO	74S258	74S258	ACTL	D4
				-6.0(0.15)/20.0(-1.0)		9.3					
-WATT	3F16-08(11)	\	TO	20.0	-1.0			74S64	74S64	VC1L1	D8
	3F30-05(08)	.i	TIS	-2.0	0.5	5.8		74S20	74S20	TRAP	D3
	4DJ1-17	i		-2.0(0.5)/20.0(-1.0)		CON			CPINS	D8	
						9.2					
WMAP	1D26-06(09)	.	TO	20.0	-1.0			74S04	74S04A	VC1L2	A7
	1C23-13(15)	i	TI	-2.0	0.5	4.1	4D	74S175	74S175	VC1L1	B8
				-2.0(0.5)/20.0(-1.0)							
-WMAP	3D04-09(11)	.	TO	20.0	-1.0		2Y3	74S139	74S139	VC1L2	C7
	1D26-05(08)	i	TI	-2.0	0.5	11.7		74S04	74S04A	VC1L2	A7
				-2.0(0.5)/20.0(-1.0)							
WMAPD	3F15-06	.	TI	-0.20	0.2		IN3	74LS244	74LS244	SPY2	B7
	1C23-15(17)	i	TO	20.0	-1.0	16.4	4Q	74S175	74S175	VC1L1	B8
				-0.20(0.2)/20.0(-1.0)							
-WMAPD	1C23-14(16)	\	TO	20.0	-1.0		-4Q	74S175	74S175	VC1L1	B8
	1C15-05(08)	.i	TI	-2.0	0.5	2.8		74S02	74S020	VC1L2	A2
	1C15-02(05)	i	TI	-2.0	0.5	.7		74S02	74S020	VC1L2	A2
				-4.0(0.10)/20.0(-1.0)		5.0					
-WP1	1B19-09(12)	.	TI	-2.0	0.5			74S04	74S04A	CLOCKD	B1
	1B19-05(08)	i	TI	-2.0	0.5	.8		74S04	74S04A	CLOCKD	B1
				-4.0/0.0						NO DRIVE	1
WP1A	1D07-02(05)	\	TIS	-4.0	0.10			74S37	74S37	VC1L2	A2
	1D07-05(08)	.i	TIS	-4.0	0.10	.7		74S37	74S37	VC1L2	A2
	1B19-08(11)	i	TO	20.0	-1.0	7.0		74S04	74S04A	CLOCKD	B1
				-8.0(0.20)/20.0(-1.0)		9.2					
WP1B	1D07-12(15)	\	TIS	-4.0	0.10			74S37	74S37	VC1L2	B2
	1D07-09(12)	.i	TIS	-4.0	0.10	.7		74S37	74S37	VC1L2	B2
	1B19-06(09)	i	TO	20.0	-1.0	7.5		74S04	74S04A	CLOCKD	B1
				-8.0(0.20)/20.0(-1.0)		9.7					
WP2	2C02-10(13)	.	TO	20.0	-1.0			74S04	74S04A	CLOCKD	C1
	2F03-01(04)	.i	TIS	-4.0	0.10	7.8		74S37	74S37	DRAM0	D1
	2I03-04(07)	.i	TIS	-4.0	0.10	.7		74S37	74S37	DRAM1	D1
	2I03-10(13)	i	TIS	-4.0	0.10	.8		74S37	74S37	DRAM2	B3
				-12.0(0.30)/20.0(-1.0)		12.3					
-WP2	2C02-11(14)		TI	-2.0	0.5			74S04	74S04A	CLOCKD	C1
										ONE PIN RUN	0
										NO DRIVE	1

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2118								
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-WP3	3C12-11(14)	.	TI	-2.0	0.5			74S04	74S04A	CLOCKD	ONE PIN RUN B6	___ 0
											NO DRIVE	___ 1
WP3A	3C12-10(13)	.	TO	20.0	-1.0			74S04	74S04A	CLOCKD	B6	
	3B30-10(13)	i	TIS	-4.0	0.10	5.8		74S37	74S37	ACTL	C8	
	3B30-04(07)	i	TIS	-4.0	0.10	.8		74S37	74S37	ACTL	C8	
	3B30-01(04)	i	TIS	-4.0	0.10	.7		74S37	74S37	ACTL	B8	
				-12.0(0.30)/20.0(-1.0)			10.3					
-WP4	4C06-13(16)	\	TI	-2.0	0.5			74S04	74S04A	CLOCKD	C6	
	4C06-11(14)	i	TI	-2.0	0.5	.6		74S04	74S04A	CLOCKD	C6	
	4C06-09(12)	i	TI	-2.0	0.5	.6		74S04	74S04A	CLOCKD	C6	
				-6.0/0.0			2.7				NO DRIVE	___ 1
WP4A	4C06-12(15)	.	TO	20.0	-1.0			74S04	74S04A	CLOCKD	C6	
	4D20-02(05)	i	TIS	-4.0	0.10	2.6		74S37	74S37	PDLCIL	C7	
	4D20-05(08)	i	TIS	-4.0	0.10	.7		74S37	74S37	PDLCIL	C7	
	4D20-09(12)	i	TIS	-4.0	0.10	.8		74S37	74S37	PDLCIL	C7	
				-12.0(0.30)/20.0(-1.0)			7.1					
WP4B	4C06-10(13)	\	TO	20.0	-1.0			74S04	74S04A	CLOCKD	C6	
	4B22-02(05)	i	TIS	-4.0	0.10	5.1		74S37	74S37	MCIL	A6	
	4B22-05(08)	i	TIS	-4.0	0.10	.7		74S37	74S37	MCIL	A6	
				-8.0(0.20)/20.0(-1.0)			7.3					
WP4C	4F30-10(13)	\	TIS	-4.0	0.10			74S37	74S37	CONTRL	A7	
	4E30-04(07)	i	TIS	-4.0	0.10	.8		74S37	74S37	CONTRL	A7	
	4C06-08(11)	i	TO	20.0	-1.0	5.6		74S04	74S04A	CLOCKD	C6	
				-8.0(0.20)/20.0(-1.0)			7.9					
WPC0	4F14-04(06)	.	TI	-2.0	0.5		D0B	25S09	25S09	SPCW	D8	
	4E09-04(06)	i	TO	20.0	-1.0	3.4	OUT	74S157	74S157	LPC	D8	
				-2.0(0.5)/20.0(-1.0)								
WPC1	4F14-05(07)	.	TI	-2.0	0.5		D1B	25S09	25S09	SPCW	D8	
	4E09-07(09)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D8	
				-2.0(0.5)/20.0(-1.0)								
WPC10	4F12-12(14)	.	TI	-2.0	0.5		D2B	25S09	25S09	SPCW	D4	
	4E07-09(11)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D4	
				-2.0(0.5)/20.0(-1.0)								
WPC11	4F12-13(15)	.	TI	-2.0	0.5		D3B	25S09	25S09	SPCW	D4	
	4E07-12(14)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D4	
				-2.0(0.5)/20.0(-1.0)								
WPC12	4F11-04(06)	.	TI	-2.0	0.5		D0B	25S09	25S09	SPCW	D3	
	4E06-04(06)	i	TO	20.0	-1.0	3.4	OUT	74S157	74S157	LPC	D2	
				-2.0(0.5)/20.0(-1.0)								
WPC13	4F11-05(07)	.	TI	-2.0	0.5		D1B	25S09	25S09	SPCW	D3	
	4E06-07(09)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D2	
				-2.0(0.5)/20.0(-1.0)								
WPC2	4F14-12(14)	.	TI	-2.0	0.5		D2B	25S09	25S09	SPCW	D8	
	4E09-09(11)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D8	
				-2.0(0.5)/20.0(-1.0)								
WPC3	4F14-13(15)	.	TI	-2.0	0.5		D3B	25S09	25S09	SPCW	D8	
	4E09-12(14)	i	TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D8	
				-2.0(0.5)/20.0(-1.0)								

CADR PROCESSOR		CADRWD:CADR4 WLR			20-FEB-80 2118						
SIGNAL	NAME	Z	IYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
WPC4	4F13-04(06)	i	TI	-2.0	0.5		DOB	25S09	25S09	SPCW	D6
	4E08-04(06)		TO	20.0	-1.0	3.4	OUT	74S157	74S157	LPC	D6
				-2.0(0.5)/20.0(-1.0)							
WPC5	4F13-05(07)	i	TI	-2.0	0.5		D1B	25S09	25S09	SPCW	D6
	4E08-07(09)		TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D6
				-2.0(0.5)/20.0(-1.0)							
WPC6	4F13-12(14)	i	TI	-2.0	0.5		D2B	25S09	25S09	SPCW	D6
	4E08-09(11)		TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D6
				-2.0(0.5)/20.0(-1.0)							
WPC7	4F13-13(15)	i	TI	-2.0	0.5		D3B	25S09	25S09	SPCW	D6
	4E08-12(14)		TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D6
				-2.0(0.5)/20.0(-1.0)							
WPC8	4F12-04(08)	i	TI	-2.0	0.5		DOB	25S09	25S09	SPCW	D4
	4E07-04(06)		TO	20.0	-1.0	3.4	OUT	74S157	74S157	LPC	D4
				-2.0(0.5)/20.0(-1.0)							
WPC9	4F12-05(07)	i	TI	-2.0	0.5		D1B	25S09	25S09	SPCW	D4
	4E07-07(09)		TO	20.0	-1.0	3.3	OUT	74S157	74S157	LPC	D4
				-2.0(0.5)/20.0(-1.0)							
WRCYC	3AJ1-18	\					CON		BOPINS	C7	
	1C23-07(09)		TO	20.0	-1.0	11.9	ZQ	74S175	74S175	VCTL1	B8
	1D17-02(05)		TIS	-2.0	0.5	4.0		74S00	74S00	VCTL1	B5
	1E06-04(07)		TIS	-2.0	0.5	4.2		74S00	74S00	VCTL2	C2
	1E06-01(04)		TIS	-2.0	0.5	.7		74S00	74S00	VCTL2	C2
				-6.0(0.15)/20.0(-1.0)			25.3				
XOUT11	2B23-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU0	D3
	2A20-15(17)		TI	-6.0	0.15	4.4	P2	74S182	74S182	ALUC4	B1
				-6.0(0.15)/20.0(-1.0)							
XOUT15	2A23-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU0	D2
	2A20-06(08)		TI	-4.0	0.10	2.1	P3	74S182	74S182	ALUC4	B1
				-4.0(0.10)/20.0(-1.0)							
XOUT19	2B13-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU1	D8
	2A19-04(06)		TI	-8.0	0.20	4.1	P0	74S182	74S182	ALUC4	B2
				-8.0(0.20)/20.0(-1.0)							
XOUT23	2A19-02(04)	i	TI	-8.0	0.20		P1	74S182	74S182	ALUC4	B2
	2A13-15(14)		TO	20.0	-1.0	1.6	CP	74S181	74S181	ALU1	D8
				-8.0(0.20)/20.0(-1.0)							
XOUT27	2B08-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU1	D4
	2A19-15(17)		TI	-6.0	0.15	4.2	P2	74S182	74S182	ALUC4	B2
				-6.0(0.15)/20.0(-1.0)							
XOUT3	2B28-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU0	D7
	2A20-04(06)		TI	-8.0	0.20	5.1	P0	74S182	74S182	ALUC4	B1
				-8.0(0.20)/20.0(-1.0)							
XOUT31	2A19-06(08)	i	TI	-4.0	0.10		P3	74S182	74S182	ALUC4	B2
	2A08-15(14)		TO	20.0	-1.0	2.9	CP	74S181	74S181	ALU1	D3
				-4.0(0.10)/20.0(-1.0)							
XOUT7	2A28-15(14)	i	TO	20.0	-1.0		CP	74S181	74S181	ALU0	D5
	2A20-02(04)		TI	-8.0	0.20	3.3	P1	74S182	74S182	ALUC4	B1
				-8.0(0.20)/20.0(-1.0)							

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2118							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS
XX0	2A20-07(09) 2A18-04(06)	i	TO	20.0	-1.0		P	74S182	74S182	ALUC4	B1
			TI	-8.0	0.20	1.5	P0	74S182	74S182	ALUC4	D1
				-8.0(0.20)/20.0(-1.0)							
XX1	2A19-07(09) 2A18-02(04)	i	TO	20.0	-1.0		P	74S182	74S182	ALUC4	B2
			TI	-8.0	0.20	1.2	P1	74S182	74S182	ALUC4	D1
				-8.0(0.20)/20.0(-1.0)							
YOUT11	2B23-17(2B22-07) 2A20-14(16)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU0	D3
			TI	-14.0	0.35	4.6	G2	74S182	74S182	ALUC4	B1
				-14.0(0.35)/20.0(-1.0)							
OVERLOADED _____ 2											
YOUT15	2A23-17(2A22-07) 2A20-05(07)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU0	D2
			TI	-8.0	0.20	2.3	G3	74S182	74S182	ALUC4	B1
				-8.0(0.20)/20.0(-1.0)							
YOUT19	2B13-17(2B12-07) 2A19-03(05)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU1	D8
			TI	-14.0	0.35	4.3	G0	74S182	74S182	ALUC4	B2
				-14.0(0.35)/20.0(-1.0)							
OVERLOADED _____ 2											
YOUT23	2A19-01(03) 2A13-17(2A12-07)	i	TI	-16.0	0.40		G1	74S182	74S182	ALUC4	B2
			TO	20.0	-1.0	1.7	G6	74S181	74S181	ALU1	D6
				-16.0(0.40)/20.0(-1.0)							
OVERLOADED _____ 2											
YOUT27	2B08-17(2B07-07) 2A19-14(16)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU1	D4
			TI	-14.0	0.35	4.4	G2	74S182	74S182	ALUC4	B2
				-14.0(0.35)/20.0(-1.0)							
OVERLOADED _____ 2											
YOUT3	2B28-17(2B27-07) 2A20-03(05)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU0	D7
			TI	-14.0	0.35	5.3	G0	74S182	74S182	ALUC4	B1
				-14.0(0.35)/20.0(-1.0)							
OVERLOADED _____ 2											
YOUT31	2A19-05(07) 2A08-17(2A07-07)	i	TI	-8.0	0.20		G3	74S182	74S182	ALUC4	B2
			TO	20.0	-1.0	2.9	G6	74S181	74S181	ALU1	D3
				-8.0(0.20)/20.0(-1.0)							
YOUT7	2A28-17(2A27-07) 2A20-01(03)	i	TO	20.0	-1.0		CG	74S181	74S181	ALU0	D5
			TI	-16.0	0.40	3.5	G1	74S182	74S182	ALUC4	B1
				-16.0(0.40)/20.0(-1.0)							
OVERLOADED _____ 2											
YY0	2A20-10(12) 2A18-03(05)	i	TO	20.0	-1.0		G	74S182	74S182	ALUC4	B1
			TI	-14.0	0.35	1.3	G0	74S182	74S182	ALUC4	D1
				-14.0(0.35)/20.0(-1.0)							
OVERLOADED _____ 2											
YY1	2A19-10(12) 2A18-01(03)	i	TO	20.0	-1.0		G	74S182	74S182	ALUC4	B2
			TI	-16.0	0.40	1.1	G1	74S182	74S182	ALUC4	D1
				-16.0(0.40)/20.0(-1.0)							
OVERLOADED _____ 2											
ZERO12.DRIVE											
1F03-19	1E16-12(16)	i	TI	-2.0	0.5		ENB	74S241	74S241	OPCD	B2
			TO	20.0	-1.0	4.5		74S11	74S11	OPCD	D2
				-2.0(0.5)/20.0(-1.0)							
ZERO16											
3F30-08(11)	1E16-02(05)	i	TO	20.0	-1.0			74S20	74S200	OPCD	C2
			TI	-2.0	0.5	19.7		74S11	74S11	OPCD	D2
			TI	-2.0	0.5	2.5		74S08	74S08	OPCD	D2
			TI	-2.0	0.5	1.3		74S00	74S00	OPCD	D2
				-6.0(0.15)/20.0(-1.0)							
26.5											
ZERO16.DRIVE											
1F01-19	1F02-19	i	TI	-2.0	0.5		ENB	74S241	74S241	OPCD	D6
			TI	-2.0	0.5	.9	ENB	74S241	74S241	OPCD	D8
1E07-06(08)		i	TO	20.0	-1.0	3.9		74S08	74S08	OPCD	D2
			TO	-4.0	0.10		6.3				
				-4.0(0.10)/20.0(-1.0)							

CADR PROCESSOR

CADRWD:CADR4 WLR

29-FEB-80 2118

SIGNAL NAME

LOC(PIN#)

Z

TYPE

LOW

HI

INCHES USE

DIPTYPE BODY

FILE

POS

-ZERO16.DRIVE

1F01-01

1F02-01

1E06-11(14)

\

.1

1

TI

TI

TO

-2.0

-2.0

20.0

0.5

0.5

.9

-ENB

-ENB

74S241

74S241

74S241

74S241

OPCD

OPCD

D6

D8