

DataGeneral

**TECHNICAL
STATEMENT**

TEXT LISTING

068-000172-01

PROGRAM

4010 I INFOTON DISPLAY TEST

TEXT TAPE

097-000172-01

ABSTRACT

THIS PROGRAM IS NOT INTENDED TO BE A DIAGNOSTIC. UNIT TROUBLE SHOOTING IS BETTER IMPLEMENTED USING SHORT SCOPE LOOPS TOGGLED IN FROM THE CONSOLE.

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; *****TYPE 40101 INFOTON DISPLAY TEST*****
; REV 1
;
; MACHINE REQUIREMENTS
; NOVA FAMILY PROCESSOR
; 4K READ/WRITE MEMORY
; NOVA CASSETTE I/O BOARD (4075) WITH (4077)AND (4078)
; MODIFIED FOR A PROGRAMMABLE BAUD RATE USING A DOB
; INSTRUCTION IN ACCORDANCE WITH THE FOLLOWING TABLE:
;
; 110 BAUD = 225
; 150 BAUD = 3
; 300 BAUD = 7
; 600 BAUD = 17
; 1200 BAUD = 37
; 2400 BAUD = 77
; 4800 BAUD = 177
;
; RESTRICTIONS
; THIS PROGRAM IS NOT INTENDED TO BE A DIAGNOSTIC.
; UNIT TROUBLE SHOOTING IS BETTER IMPLEMENTED USING
; SHORT SCOPE LOOPS TOGGLED IN FROM THE CONSOLE.
;
; STARTING LOCATIONS
; 2 ROTATING CHARACTERS PATTERN-- CONTINUOUSLY TRANSMITS
; A SEQUENCE OF CHARACTERS FORMATTED FOR EASE OF
; VISUAL DISCREPANCY RECOGNITION.
; 3 KEYBOARD TEST-- TESTS ALL KEYS TYPED IN BY THE
; OPERATOR IN ACCORDANCE WITH INPUT REQUESTED
; BY THE DISPLAY.
; 4 CURSOR CONTROL TEST-- CONTINUOUSLY TRANSMITS
; A COMPLETE PAGE OF CURSOR CONTROL CHARACTERS.
; THE LAST CONTROL POSITION OF EACH PAGE IS MARKED
; BY AN INDEX CHARACTER. IF AN ERROR OCCURS THE
; INDEX CHARACTER WILL BE DISPLACED.
; 5 BAUD RATE TEST-- SETS THE BAUD RATE TO AND FROM
; THE UNIT UNDER TEST VIA THE PROGRAMMABLE BAUD
; CONTROLLER. TESTS THE PARITY OF 20 INPUT CHARACTERS
; FOLLOWED BY A SHORT PAGE OF ROTATING CHARACTER OUTPUT.
;
; SWITCH SETTINGS
; SWITCH 0(0) = EVEN PARITY TRANSFERS
; SWITCH 0(1) = ODD PARITY TRANSFERS
; SWITCH 1(1) = INHIBIT ECHO
; INITIAL OPERATING REQUIREMENTS
; DISPLAY MUST BE SET TO 4800 BAUD RATE, FULL DUPLEX,
; 20 MA CURRENT LOOP, EVEN PARITY, AND ON-LINE.
;
; .EOT

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; *****
; NAME: IDT.TX          PART NUMBER: 097-000172
;
; DESCRIPTION: 40101 INFOTON DISPLAY TEST
;
; REVISION HISTORY:
; REV.          DATE
; 00          04/26/74
; 01          04/23/76
;
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0003 .MAIN

**00000 TOTAL ERRORS, 00000 PASS 1 ERRORS