

Programmer Compatibility

ABEL produces output for Data I/O's Programmable Logic Development System (PLDS) or for any logic programmer supporting the following data transfer formats:

JEDEC } PALs®, IFL's
Motorola Exorciser }
Intel Intellec 8/MDS } PROMs

System Requirements

ABEL operates on the following systems with the stated minimum requirements.

IBM® PC and Compatibles

VMST[™]-DOS or PC-DOS[®] operating system
1 double-sided, double density floppy disk drive (2 recommended)
128k RAM (192k suggested)
Distributed on 5.25" DSDD floppy disks

VAX[™]

MST[™] 3.0 or later operating system. Distributed on ANSI-format, 1600 BPI magnetic tape.
UNIX[™] Berkeley 4.2 BSD operating systems. Distributed on TAR-format, 1600 BPI magnetic tape.

VALID[™]

SCALDsystems[™] I, II, and IV
SCALDstar[™] UNIX release 7.0. Distributed on TAR-format, 1600 BPI 1/2" magnetic tape.

LOGIC DEVICES SUPPORTED BY ABEL

| 20-PIN PAL [®] | 24-PIN PAL | IFL | PROM | LARGER PALs |
|-------------------------|------------|--------|--------|-------------|
| 10H8 | 6L16 | 82S100 | 32x8 | 32R16 |
| 10L8 | 8L14 | 82S103 | 256x4 | |
| 10P8 | 12H10 | 82S105 | 256x8 | |
| 12H6 | 12L10 | 82S151 | 512x4 | |
| 12L6 | 12P10 | 82S153 | 512x8 | |
| 12P6 | 14H8 | 82S155 | 1024x4 | |
| 14H4 | 14L8 | 82S157 | 1024x8 | |
| 14L4 | 14P8 | 82S159 | 2048x4 | |
| 14P4 | 16H6 | 82S161 | 2048x8 | |
| 16C1 | 16L6 | 82S167 | 4096x4 | |
| 16CP1 | 16P6 | | 4096x8 | |
| 16H2 | 18H4 | | | |
| 16L2 | 18L4 | | | |
| 16H8 | 18P4 | | | |
| 16L8 | 19L8 | | | |
| 16P2 | 19L8L | | | |
| 16P8 | 19R4 | | | |
| 16HD8 | 19R4L | | | |
| 16LD8 | 19R6 | | | |
| 16R4 | 19R6L | | | |
| 16R6 | 19R8 | | | |
| 16R8 | 19R8L | | | |
| 16RP4 | 20C1 | | | |
| 16RP6 | 20CP1 | | | |
| 16RP8 | 20H2 | | | |
| 18P8 | 20L2 | | | |
| E10P8 | 20L8 | | | |
| E12P8 | 20L10 | | | |
| E14P4 | 20P2 | | | |
| E16P2 | 20P8E | | | |
| EP300 | 20R4 | | | |
| | 20R6 | | | |
| | 20R8 | | | |
| | 20RS4 | | | |
| | 20RS8 | | | |
| | 20RS10 | | | |
| | 20S10 | | | |
| | 20X4 | | | |
| | 20X8 | | | |
| | 20X10 | | | |
| | 22V10 | | | |
| | PL839 | | | |

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[®] PAL is a registered trademark of Monolithic Memories, Inc.

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For more information about ABEL or to order a \$10 ABEL tutorial, consult your Data I/O sales representative.

DATA I/O

All specifications subject to change without notice. For additional information, contact your Data I/O sales representative.

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