

SPECIFICATIONS

UNIPAK 2B



COMPREHENSIVE MEMORY DEVICE SUPPORT

The UniPak 2B,™ with a Data I/O® mainframe, programs virtually every memory device under software control from over 33 manufacturers. These include EPROMs, EEPROMs, microcomputers and PROMs of all bipolar fuse technologies; fuselink and vertical fuse. More than 90% of these devices are supported with no additional adapters.

CARTRIDGES SUPPORT UNIQUE ALGORITHMS

A key enhancement over earlier UniPak and UniPak 2 is the UniPak 2B's support for optional slide-in pinout cartridges. These cartridges allow users to reliably program devices which are not programmable with the base UniPak 2B, regardless of pinout configuration or packaging. Cartridges provide the UniPak 2B with the flexibility to program the latest complex device types and hard-to-handle packages, such as 40-pin one megabit EPROMs, PLCCs, and other surface-mount devices.

USES INTELLIGENT ALGORITHMS

Like its predecessors, the UniPak 2B speeds the programming process through the use of intelligent algorithms. These algorithms eliminate redundant programming pulses by checking memory cells after each pulse to see if they have been programmed.

ELECTRONIC DEVICE IDENTIFICATION

For increased programming accuracy, the UniPak 2B also incorporates electronic device identification. This allows it to automatically select the correct programming algorithm and voltage for the device type, eliminating the risk of destroying a device with an incorrect selection.

USER UPDATABLE CONVENIENCE

Another enhancement over the earlier UniPak and UniPak 2 models is that the UniPak 2B is user-updatable. This means that as software updates are released, users will be able to install the new software themselves, without having to send their unit to a service center. A kit is also available for UniPak 2 users, allowing them to convert their unit to a UniPak 2B.

COMPLETE SUPPORT AFTER SALE

Our full range of calibration and update contract services allow users to schedule updates in advance, as well as budget repair costs throughout the year. With worldwide service centers and a vast network of specially-trained technicians, Data I/O offers the most comprehensive service package available from any device programmer manufacturer.

DATA I/O

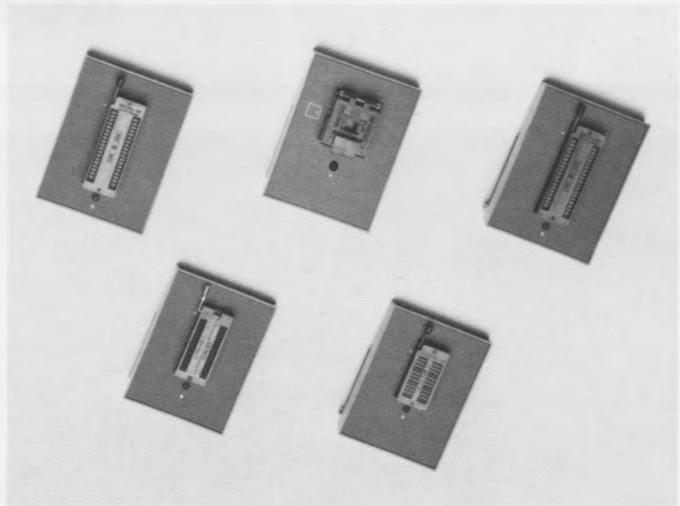
UNIPAK 2B PINOUT CARTRIDGES

351B-066	24-pin (DIP); AMD 27S45
351B-067	22-pin (DIP); AMD 27S26
351B-068	24-pin (DIP); AMD 27S15
351B-070B	40-pin (DIP); 8741/41A/42/48/48H/49H
351B-071	40-pin (DIP); 8744/8751/51H/9761H
351B-072	40-pin (DIP); 8755A
351B-073	24-pin (DIP); AMD 27S65
351B-086*	28-pin (DIP); Standard EPROM
351B-087	20-pin (PLCC); MMI 63S080/081
351B-088	20-pin (PLCC); MMI, TI
351B-089	20-pin (PLCC); MMI 63S280/281/480/481
351B-090	20-pin (PLCC); MMI, TI
351B-092	28-pin (PLCC); MMI 63D1641, 63DA1643/441/442/841
351B-093	28-pin (PLCC); MMI, TI
351B-094	22-pin (DIP); Fujitsu 7129/30/35/36
351B-095	40-pin (DIP); EPROM (1 Mbit)
351B-096	24-pin (DIP); Fairchild ISOZ
351B-097	40-pin (DIP); Seeq 72720
351B-099	32-pin (PLCC); Intel
351B-101	28-pin (DIP); AMD 27S51
351B-102	40-pin (DIP); TI 7742
351B-103	40-pin (DIP); Intel 87C51/52BH/C252
351B-104	32-pin (DIP); EPROM (1Mbit)
351B-107	28-pin (DIP); EPROM (1Mbit)
351B-108	40-pin (DIP); Hitachi 63701
351B-109	40-pin (DIP); Hitachi 63705
351B-110	24-pin (DIP); MMI 5P16/6P16
351B-AMD	20-pin (DIP); AMD ECL PROMs

*Included at no charge with the UniPak 2B

COMPATIBILITY

Mainframe Programmer	RAM Size	Maximum Device Size
System 19	16K x 8	265K Using Block Limits
29A	64K x 8	512K
29B	256K x 8	2Mbit
29B	1MByte x 8	8Mbit
100A	16K x 8	128K



PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Altitude:	Sea level to 3 km (10,000 ft.)
Operating Humidity:	90% maximum (noncondensing)
Operating Temperature:	5° to 45°C (41° to 113°F)
Storage Temperature:	-40° to 70°C (-40° to 158°F)
Dimensions:	25.11 x 20.0 x 12.4 cm (9.6 x 7.2 x 4.9 in.)
Weight:	1.62 kg (3 lb. 9 oz.)

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TM UniPak is a trademark of Data I/O Corporation.

Specifications subject to change without notice.

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