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E12B

EPROM/EEPROM EDITING & INTERFACE

EDITING FUNCTIONS	DATA FORMAT	BAUD RATE	DATA STREAM SELECTION			
			CODE	PARITY	DATA BITS	STOP BITS
0 SIMULATE	0 LABEL PRINTING	1 50	0	PARALLEL		
1 AMEND	1 ASCII HEX SPACE	2 75	1	EVEN	7	1
2 BLOCK CHANGE	2 INTEL LOADER	3 110	2	ODD	7	1
3 COPY BLOCK	3 OPTIONAL	4 134.5	3	NONE	7	2
4 EXCHANGE STRING	4 TEK HEX	5 150	4	EVEN	7	2
5 FIND STRING	5 MOS TECH	6 200	5	ODD	7	2
6 COMPARE RAM	6 MOTOROLA S REC	7 300	6	NONE	7	2
7 SPLIT	7 DEC BINARY	8 600	A	EVEN	8	1
8 MERGE	8 BINARY	9 1200	B	ODD	8	1
9 CHECK SUM	9 BLOCK DUMP	A 1800	C	NONE	8	1
A ONE'S COMPLEMENT	A RCA COSMAC	B 2400	D	EVEN	8	2
B X OR SUM	B PPX	C 4800	E	ODD	8	2
	C TEXAS TAGS	D 9600	F	NONE	8	2
	D BNPF	E 19200				
	E EXT TEK HEX					

NOTE: SELECT DEVICE TYPE BY PUSHING RST, THEN STEP TO SCROLL.

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E12B SET PROGRAMMER

PROGRAM   0 1 2 3
VERIFY   4 5 6 7
INPUT   8 9 A B
OUTPUT   C D E F

◄— RAM CONTROL —►

PROG   VFY   BLK   READ   ◄— STEP —►   RST   ENTER

TYPE/MESSAGE   CHK SUM/SKT NO

— ADDRESS —   MASTER DATA   COPY DATA

MASTER   — COPIES —   1   2   3   4

28 / 24

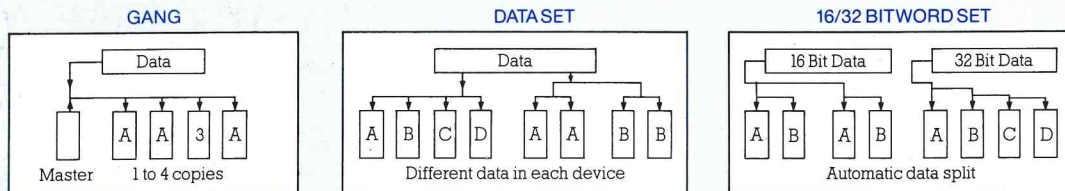# EPROM SET PROGRAMMER

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Eprom expertise

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E12B

The Elan E12B Set Programmer is the latest in a family of sophisticated and versatile programmers. The advanced performance of the E12B provides capabilities of 'Set' Programming that are unmatched in the industry.

The E12B is designed to meet the exacting requirements of today's and tomorrow's applications; 128K bytes of user memory come as standard, so complex programs can be handled with ease. 64K byte model also available upon request.

In one operation the E12B can 'Set' program different data into your devices; it can gang program up to four devices; and it automatically splits programs into 16 and 32 bit word length configurations.

GANG

Data

Master | A A 3 A | 1 to 4 copies

DATA SET

Data

A B C D | A A B B | Different data in each device

16/32 BITWORD SET

16 Bit Data | 32 Bit Data

A B A B | A B C D | Automatic data split

E12B - Part of the family of programmers which have Certified Intel approval.

The E12B is ruggedly designed and constructed with "built-in" reliability. Automatic diagnostics on power-up ensure the secure operation of the unit. Every unit meets FCC Rules Part 15, Subpart J, Class A Limits for Radio Frequency Interference Emissions.

Programming of up to 4 devices simultaneously, using either the standard, or fast programming intelligent algorithms, results in fast throughput when required for gang or set programming. Instant editing of partly programmed devices allows a single byte to be amended instantaneously, without the need to U-V erase.

RELIABILITY

SPEED

INNOVATIVE SIMPLICITY

INTEGRITY

ACCESS TIME TEST
Operational Timing Diagram
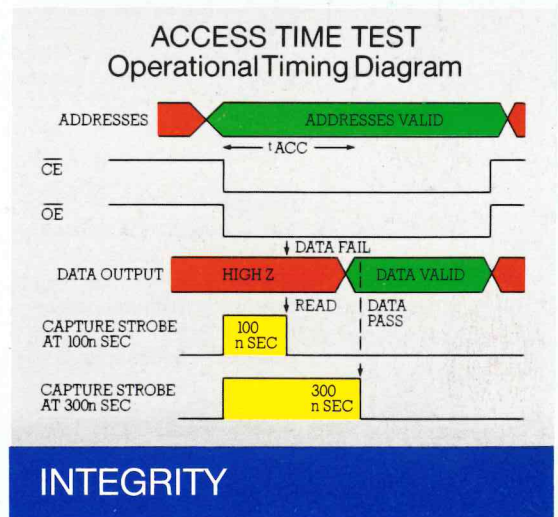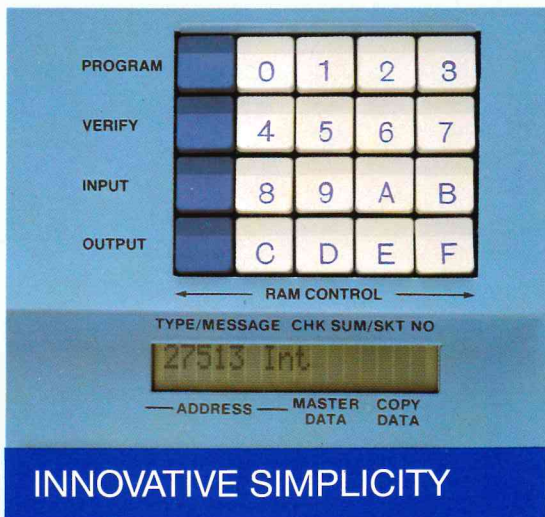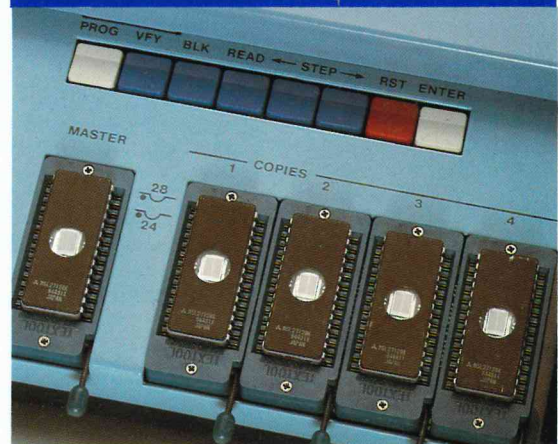
Easy to use but powerful in its range of features - the E12B is equally friendly to the semi-skilled operator or the advanced designer. Serial protocol 'help' routines can solve interfacing conflicts. Access time sort routines measure and display achieved device speeds.

Constant monitoring of all ZIF socket voltages, with error detection, guarantees manufacturers' specifications and eliminates periodic recalibration. Byte by byte validation is performed during programming. Automatic dynamic access time testing is conducted during verification. Selectable device and make identifier guarantees security.

The E12B gives everything needed in advanced EPROM programming. ECONOMY, SPEED AND POWER

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E12B

SPECIFICATIONS

Key Features

1. Variable SET and GANG programming with four copy sockets.
2. Dedicated MASTER socket to protect master EPROMS.
3. User programmable I/O to 19.2K Baud. MDS Remote facility.
4. Dynamic access time testing and access time sorting routines.
5. 16 Character liquid crystal display.
6. Accepts all current E series adapters.
7. Menu driven selection of device, mode and serial I/O configuration, with stored defaults. No personality cards or modules.
8. Hexadecimal keypad for data manipulation and RAM control. Extensive Editing functions, including 4 byte string search and automatic amend.
9. Display shows programming activity, errors and entered data in English.
10. Manufactured to very high quality standards.
11. Intel Certification.
12. IBM PC remote driver option.

Functional

Sockets – 28 pin ZIF; 1 master, 4 copies. Master socket protected from program voltages.

Data RAM – 128K × 8 (1 M Bits) Standard, available to user. (64K model optional)

Generic Device Type Range–

Single Rail EPROM: 2508, 2516, 2716, 2732, 27C32, 2732A, MK2764, 68764, 68L764, 68766, R87C32, 2764, 2764A, 27C64, 87C64, 27128, 27128A, 27256, 27C256, 27512, 27513.

EEPROM: 2815, 2816, 48016. 3 Voltage EPROM: 2708, 2716 (E 13 option).

Single Chip Processors: 8741A, 8742, 8748, 8748H, 8749H, 8755A (E 4 option), 68701 (E 5 option), 8744, 8751, 8751H, 8752H (E 7 option).

Interface: Serial I/O RS2320, parallel (Centronics option).

Triple Voltage Devices: 2708, TMS 2716 (E 13 option).

Physical

Case-welded mild steel with stove enamelled acrylic finish.
Dimensions - 280 x 270 x 110 mm (11″ x 10.6″ x 4.3″).
Weight - 4 Kg(9lb), shipping 5 Kg (11lb) approx.
Operating Temperature Range + 5 to 35°C (40 to 100°F).
Storage Temperature Range − 18 to + 55°C (0 to 130°F).
Relative Humidity - 0 to 90% non-condensing.

Electrical

Power - 100, 120/220, 240V a.c. ± 10%, 50-60 Hz, 40W.
Interference suppression - meets Federal Communications Commission Rules Part 15, Subpart J, Class A Limits for Radio Frequency Interference Emissions (Commercial & Industrial Computing Devices).
Linear d.c. power supply with all outputs protected.

We reserve the right to change the specifications, functions and circuitry without notice.

Your distributor