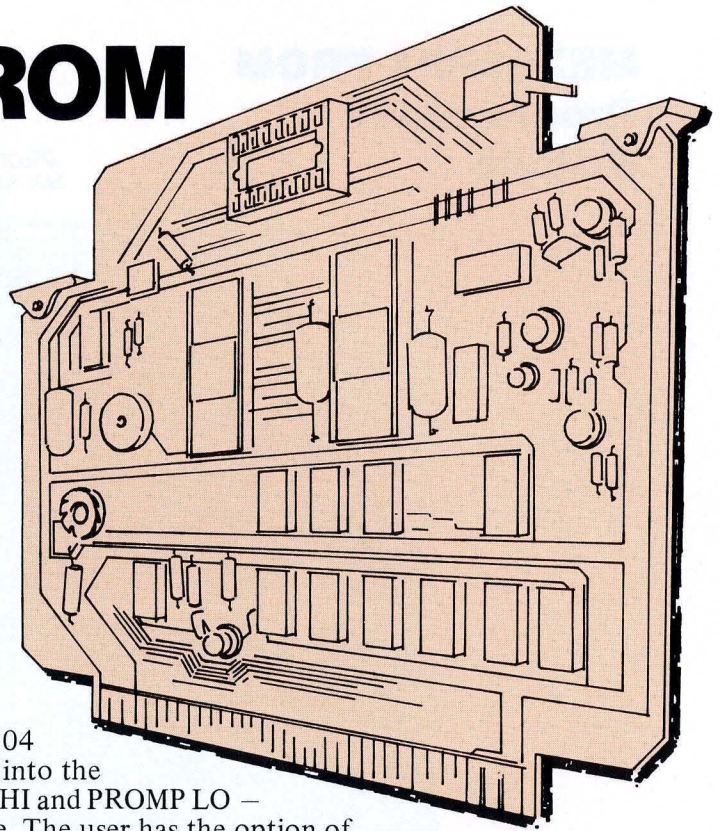




MEX68PP1 PROM Programmer Module



- Mounts directly into the M6800 EXORciser
- Program compatible with the EXORciser's EXbug Firmware
- Programs 2704 and 2708 EPROM devices
- EPROM program verification and compare capability
- Capable of moving data from the EPROM to EXORciser memory
- Capable of moving a block of data from one memory location to another
- All programming activities entered and controlled by the EXORciser

The MEX68PP1 PROM Programmer Module provides the EXORciser with the capability of programming 2704 and 2708 EPROM devices. This module plugs directly into the M6800 EXORciser bus and its two programs – PROM HI and PROM LO – are compatible with the EXORciser's EXbug Firmware. The user has the option of selecting and locating the PROM program into the EXORciser RAM locations that do not conflict (using the same addresses) with the user's program. That is, if the user has his program loaded in the upper portion of memory, he selects and loads the PROM LO program into the EXORciser.

The PROM Programmer Module with its software enables the EXORciser to program an EPROM device, to verify the data in the EPROM, to transfer data from the EPROM to the EXORciser's RAM memory, and to transfer blocks of data from one memory location to another.

Specifications

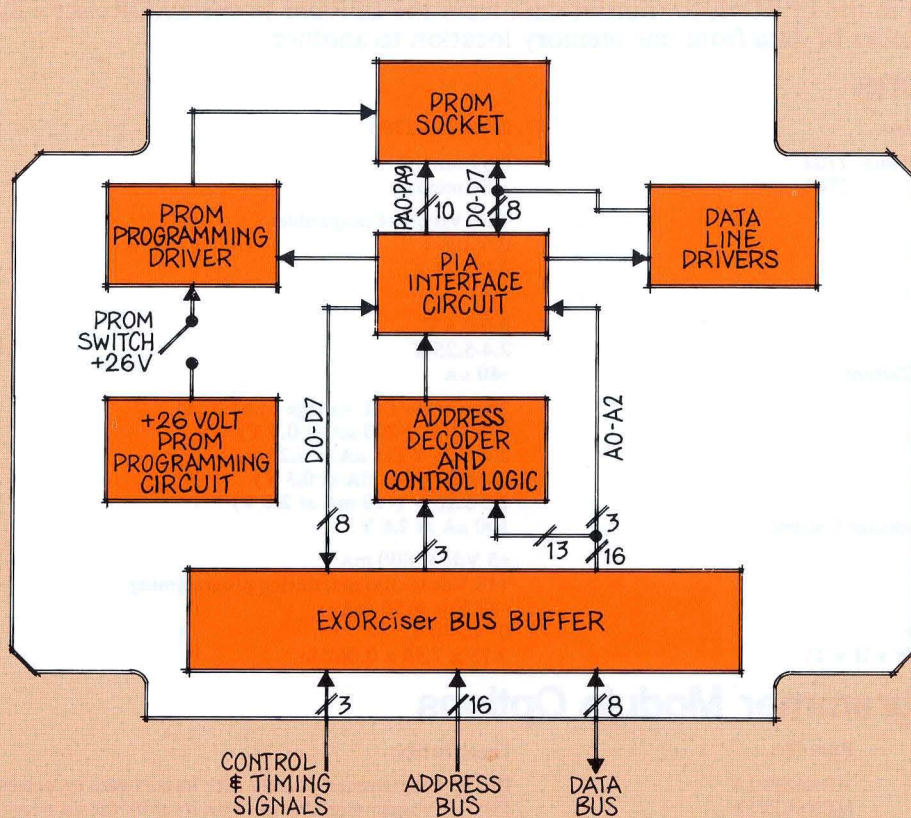
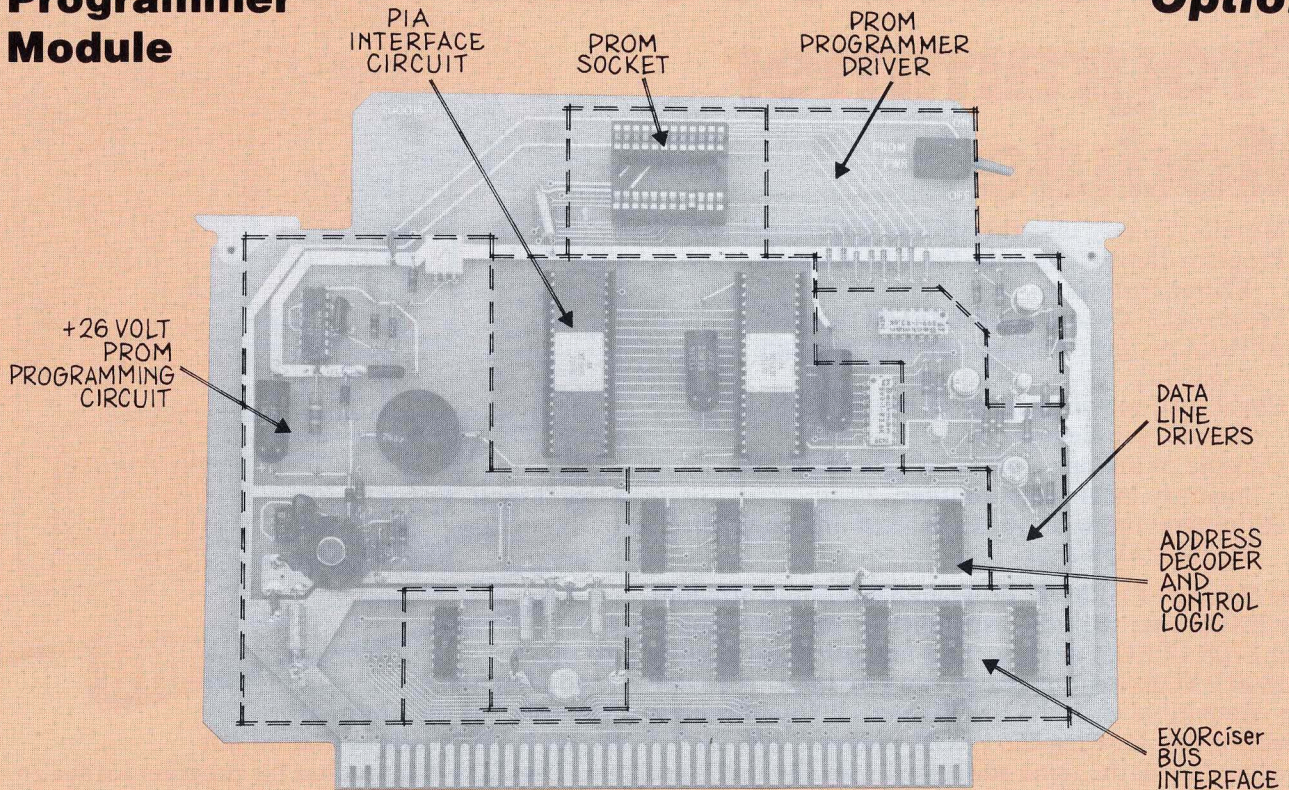
Programs EPROM devices	2704 and 2708
Average Programming Time: 2704	0.57 minute
2708	1.54 minutes
Input Control Signals	TTL Voltage Compatible
Logic "0"	0.0-0.8 V
Logic "1"	2.0-5.25 V
Address Bus and R/W	
Logic "0"	0.0-0.5 V
Logic "1"	2.4-5.25 V
Off-State Leakage Current	-40 μ A
Data Bus	Three-state TTL voltage compatible
Input Logic "0"	0.0-0.8 V (-200 μ A at 0.4 V)
Input Logic "1"	2.0-5.25 V (25 μ A at 5.25 V)
Output Logic "0"	0.0-0.5 V (40 mA at 0.5 V)
Output Logic "1"	2.6-5.25 V (-10 mA at 2.6 V)
Output Off-State Leakage Current	100 μ A at 2.6 V
Power Requirements	+5 Vdc @ 800 mA
	+12 Vdc @ 300 mA during programming
	-12 Vdc @ 50 mA
Operating Temperature	0 ^o to 70 ^o C
Physical Dimensions (W x H x T)	9.75 x 7.50 x 0.062 in.

PROM Programmer Module Options

Option	Part No.	Description
1	MEX68PP1A	PROM Programmer Module with its software on cassette
2	MEX68PP1B	PROM Programmer Module with its software on paper tape
3	MEX68PP1D	PROM Programmer Module with its software on diskette

MEX68PP1 PROM Programmer Module

Option



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