



# Erasable, Programmable Memory

A module accepting up to 2048 words of erasable/programmable read-only-memory which hold the stored data, even when power is removed.

## 2KRO Memory Module

 **Processor  
Technology**  
Corporation  
Emeryville, CA 94608

Read-Only-Memories will not lose their stored data when power is removed, giving them the obvious advantage in stored program applications. Of further advantage are EPROM's—read-only-memories that are both erasable and re-programmable. Our **2KRO memory module will accept up to eight EPROM's**, providing 2048 eight-bit words of non-volatile storage for monitor, executive, loader and other programs.

The 2KRO is jumper selectable to fit any one of thirty-two 2K segments within the 65K addressing range of the 8080.

Additional jumpers select the appropriate number of "wait" states, determined by the access time of the EPROM's in use.

The 2KRO was designed for either the 1702A or MM5203 EPROM's. EPROM's are not included, but both are readily obtainable for reasonable prices on the industrial and surplus markets.

Erasing and programming services for some EPROM types are available from Processor Technology Corp. Please ask your dealer or write us directly for further information and pricing.

## Specifications:

<b>Maximum Capacity:</b>	2048 eight-bit words	<b>Power Requirements:</b>	+8 to +10 VDC at 0.6A maximum; -15 to -19VDC at 350mA, maximum with eight 1702A's installed; replacement transformer available for full negative supply power (order TRF-1)
<b>Operating Mode:</b>	Static	<b>Edge Contacts:</b>	100 pins (dual 50) on .125" centers, gold-plated
<b>Access &amp; Cycle Time:</b>	Dependent on EPROM used, logic on card will work over an access time range of 30 to 2500 nsec; number of "wait" states jumper selectable from zero to four	<b>Dimensions:</b>	5.3"x 10.0" (13.46cm x 25.4cm)
<b>Bus Pinout:</b>	Plug-in compatible with Sol System, Altair 8800 or IMSAI 8080 bus		