

APPENDIX A

Adding Memory to the RamFactor

Introduction

The RamFactor card can contain up to 1024K (1 Megabyte) of Random Access Memory. You can also add the RamFactor 4 Meg Expander to give your RamFactor up to 4 more Megabytes of memory for a possible total of 5 Meg. (See Appendix C for more information about the 4 Meg Expander.)

This appendix provides the information required to add memory to your RamFactor. It contains the specifications for the RAM (Random Access Memory) chips, tells where you can get them and how to install them.

Where to Get Chips

Selection of the proper memory chips for your RamFactor can be a little tricky; there are several chip manufacturers and many different types and specifications of RAM chips available.

You may be able to find memory chips with the proper specifications at some computer or electronics-parts stores. Applied Engineering has the correct chips in stock and warrants them for five years from date of purchase. (Most chip vendors sell their chips "as is.") We will not warrant chips purchased from other vendors.

Approved manufacturers and chips are:

9	✓	Hitachi	HM50256-15
		Mitsubishi	M5M4256P-15
		Fujitsu	MB81256-15
		OKI	MSM41256A-15AS/RS
		Intel	P21256-15
23	✓	Samsung	KM41256-15
		Micron Tech.	MT1259-15
		Toshiba	TMM41257-15

Only one partition at a time can be active. The active partition RAMdisk can be accessed without affecting the contents of the other partitions and the inactive partitions are totally invisible to the system.

Configuring a RAMdisk Partition

Pressing the R key from the RPM main menu will display the configuration options, shown in Figure 3-2.

Figure 3-2 RPM partition configuration options

RAMFACTOR PARTITIONS		SLOT = 5
		CLEAR
2	OK	CLEAR
3	OK	CLEAR
4	OK	CLEAR
5	OK	CLEAR
6	OK	CLEAR
7	OK	CLEAR
8	OK	CLEAR
9	OK	CLEAR

USE ARROWS OR 1-9 TO SELECT A PARTITION

N=NAME CHANGE	RET=INSTALL CHANGES
S=SIZE CHANGE	ESC=FORGET CHANGES
C=CLEAR PARTITION ■	

Naming a Partition

Selecting the N option will allow you to name the highlighted partition. Each name, which can contain up to 16 characters, is stored in RamFactor's memory. The partition name has no meaning to the partition's operating system, it is just a label for your convenience. A partition name can be erased by reselecting the N option, then pressing Return.

Clearing a Partition

The C option will completely erase the previous contents of the selected partition. A cleared partition is indicated by CLEAR in the status column on the right side of the RPM screen.