

CMOS Static RAM Modules

LCC RAM Module - 16384 x 4 / 8192 x 8 - 64K Synchronous

Type	Features	Access Time	Power Supply Current		Replaces Pin for Pin	Module Substrate No. of Pins
			Operating	Standby		
HM5-6564	<ul style="list-style-type: none"> • Low Power Standby 4mW Maximum • Low Power Operation 280mW/MHz Maximum • Data Retention 2.0V Minimum • TTL-Compatible In/Out • Three-State Outputs • Fast Access Time 350ns Maximum • Wide Operating-Temperature Ranges: <ul style="list-style-type: none"> ▶ HM-6564-5 0°C to +70°C ▶ HM-6564-9 -40°C to +85°C ▶ HM-6564-2/-8 -55°C to +125°C • On-Chip Address Registers • Organizable 8K x 8 or 16K x 4 • 40-Pin DIP Pinout - 2.000" x 0.900" 	350ns	56/28mA	800µA	-	40, MA
HM5-6564-5		450ns	60/30mA	5.6mA	-	

* See interpretation guide and package availability chart

CMOS PROMs - 4K and 16K

512 x 8 - 4K Synchronous

Type	Features	Fuse Element	Access Time	Power Supply Current		Replaces Pin for Pin	Package No. of Pins
				Operating	Standby		
HM-6642B	<ul style="list-style-type: none"> • TTL-Compatible In/Out • Popular Pinout Like Bipolar 7641 • Three-State Outputs • Address Latches Included On-Chip • Easy Microprocessor Interfacing • Wide Operating Temperature Ranges: <ul style="list-style-type: none"> ▶ HM-6642-9 -40°C to +85°C ▶ HM-6642-8 -55°C to +125°C 	NiCr	120ns	20mA/MHz	100µA	Harris 6641 Similar to: Harris 7641	24 5J, DC
HM-6642		NiCr	200ns	20mA/MHz	100µA	Signetics 82S141	

* See interpretation guide and package availability chart

2048 x 8 - 16K Synchronous

Type	Features	Fuse Element	Access Time	Power Supply Current		Replaces Pin for Pin	Package No. of Pins
				Operating	Standby		
HM-6617B	<ul style="list-style-type: none"> • Industry-Standard Pinout • Single 5.0V Supply • TTL-Compatible Inputs • High Output Drive 12 LSTTL Loads • Synchronous Operation • On-Chip Address Latches • Separate Output Enable • Wide Operating-Temperature Range: <ul style="list-style-type: none"> ▶ HM-6617-9 -40°C to +85°C ▶ HM-6617-8 -55°C to +125°C 	NiCr	90ns	20mA/MHz	100µA	Harris 6616 Similar to: NMOS 2716 National 27C16	24 5J, DC
HM-6617		NiCr	120ns	20mA/MHz	100µA	National 6716	

* See package section, packaging availability chart