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Apple IIGS Memory Expansion Cards: RAM Chip Specs & Vendors

Article Created: 22 March 1988

Article Change History

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- 02/09/93 - UPDATED
 - Micron Technology acquired by Xceed Technologies.
 - 04/20/88 - REVIEWED
 - Reviewed for accuracy.

The RAM chips on the memory expansion card for the Apple IIGS must be 150ns chips of 256K bits organized in 256K by 1 bit; they also must have CAS (Column Address Strobe) before RAS (Row Address Strobe) refresh.

Unless the RAM chips on the expansion board conform to these specifications, the Apple IIGS will have intermittent errors. These errors can take the form of system crashes, lock ups, memory errors, etc.

The only memory chips RECOMMENDED for use on memory expansion cards for the Apple IIGS are Apple part #334-0021. The following are among the vendors that manufacture RAM that is COMPATIBLE with the Apple IIGSS.

- Fujitsu America, Inc.	MB81256-15P
- NEC Microcomputers, Inc.	UPD41256C-15
- Texas Instruments	TMS4256-15NL
- Mitsubishi Electronics	M5M4256AP-15
- Hitachi	HM50256P-15
- OKI Semiconductor	M41256-15
- Xceed Technologies	MT1259-15
- Samsung	KM41256AP-15
- Motorola	MCM6256BP-15
- Toshiba America	TMM41256P-15

NOTE: This list is not complete and is intended for reference only.

To locate a vendor's address and phone numbers, use the vendor name as a search string.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 2668