



Tech Info Library

Apple IIGS Memory Expansion Cards: RAM Chip Specs & Vendors

Revised: 2/10/93
Security: Everyone

Apple IIGS Memory Expansion Cards: RAM Chip Specs & Vendors

=====
Article Created: 22 March 1988

Article Change History

-
- 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.

Copyright 1988, 1993, Apple Computer, Inc.

Tech Info Library Article Number:2668