

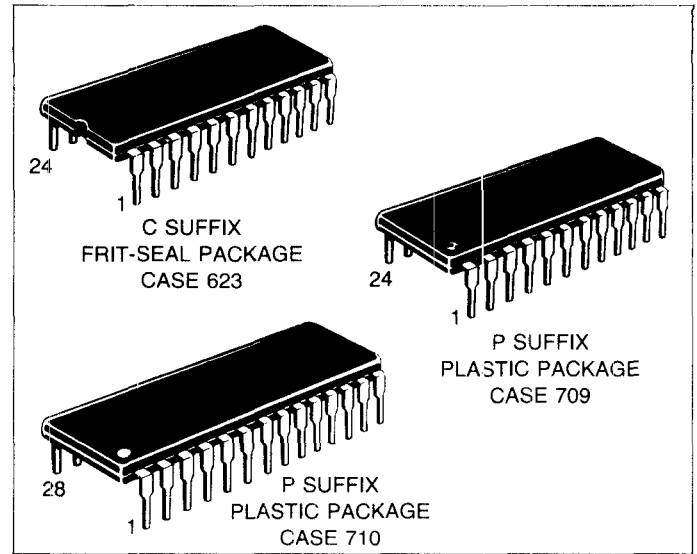
MEMORIES — MOS (continued)

Read Only Memories (ROMs)

MOS ROMs

Motorola Read Only Memories are available as factory mask-programmable devices (permitting the user to obtain custom-programmed firmware by specifying the desired bit patterns) and as standard preprogrammed devices containing various popular functions such as character generators, code converters, lookup tables, etc. All utilize Motorola's high-performance silicon-gate technology, providing high density and excellent reliability. All provide fully static operation, requiring no clocking (except MCM68364 Dynamic ROM). All operate from a single 5.0 V supply and have TTL-compatible inputs and outputs.

2 NMOS Mask Programmable ROMs — Factory programmed to user specifications, except (*) preprogrammed as indicated.



| Organization | Part Numbers | Suffix | Access Time (ns Max.) | Power (mA) Max. Active/Standby | Package | Comments |
|--------------|--------------|--------|-----------------------|--------------------------------|--|---|
| 2K x 8 | MCM68A316E | C/P | 350 | 130/ -- | C-Ceramic Case 623 P-Plastic Case 709 | Universal Code Converter & Character Generator |
| | | P91* | | | | |
| 4K x 8 | MCM68A332 | P | 350 | 80/ -- | P-Plastic Case 709 | Sine/Cosine Look-up Table |
| | | P2* | | | | |
| 8K x 8 | MCM68364 | C/P20 | 200 | 40/ 10 | C-Frit-Seal Case 623 P-Plastic Case 709 | Edge-activated dynamic ROM for reduced power consumption Antilog Look-up Table |
| | | C/P25 | 250 | | | |
| | | C/P30 | 300 | | | |
| 8K x 8 | MCM68365 | P25 | 250 | 60/ 15 | P-Plastic Case 709 | Has power-down feature |
| | | P30 | 300 | | | |
| | | P35 | 350 | | | |
| | MCM68366 | P25 | 250 | 60/ -- | P-Plastic Case 709 | No power-down, but has output enable control |
| | | P30 | 300 | | | |
| | | P35 | 350 | | | |
| MCM68367 | P | 450 | 100 | P-Plastic Case 709 | Page organized into two 4K byte sections | |
| MCM68368 | P | 450 | 80/ -- | P-Plastic Case 709 | Bank organized into eight 1K byte pages | |
| MCM68369 | P20 | 200 | 80/ -- (unloaded) | P-Plastic Case 710 | | |
| | P25 | 250 | | | | |
| | P30 | 300 | | | | |
| MCM68370 | P20 | 200 | 80/ 15 (unloaded) | P-Plastic Case 710 | 28 pin replacement for 8K x 8 EPROM | |
| | P25 | 250 | | | | |
| | P30 | 300 | | | | |
| 8K x 10 | MCM68380 | P | 300 | 100/ -- | P-Plastic Case 709 | |
| 16K x 8 | MCM63128 | P15 | 150 | 100/ 15 (unloaded) | P-Plastic Case 709 | |
| | | P20 | 200 | | | |
| 32K x 8 | MCM63256 | P15 | 150 | 100/ 15 (unloaded) | P-Plastic Case 710 | |
| | | P20 | 200 | | | |