

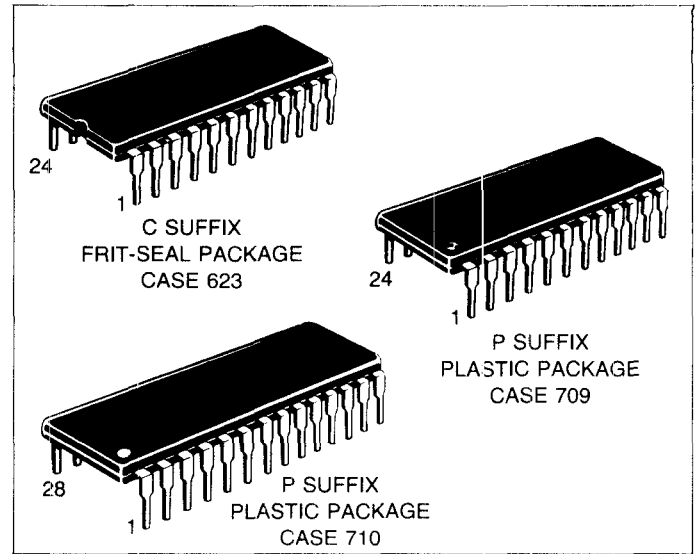
MEMORIES — MOS (continued)

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	Universal Code Converter & Character Generator
		P91*			P-Plastic Case 709	
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	Edge-activated dynamic ROM for reduced power consumption
		C/P25	250			
		C/P30	300			
		C/P35-3*	350		P-Plastic Case 709	Antilog Look-up Table
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	
8K x 8	MCM68369	P20	200	80/ -- (unloaded)	P-Plastic Case 710	
		P25	250			
		P30	300			
8K x 8	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			