Special Purpose Memories

MCM6836( )16 EEPROM
MEMORY UNIT BLOCK DIAGRAM

NMOS ROM/EEPROMS

Nonvolatile N-Channel MOS Read Only Memory combines with a sizeable capacity EEPROM offering user reprogrammability of a portion of the memory during use. Electrically erasable, the unit can be in-system reprogrammed. Industry standard pinout makes the device compatible with 128K bit ROMs and EPROMs.
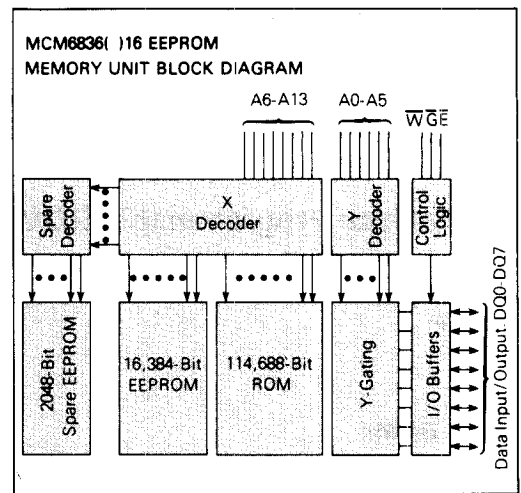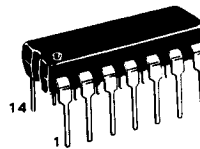
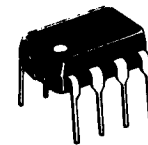| Organization		Part Number	Suffix	Access Time (ns Max.)	Package	Comments
ROM	EEPROM					
114K x 8	2K x 8	MCM6836E16/	S/P	270	S-Cerdip Case 733	
		MCM6836R16			P-Plastic Case 710	Has additional 256 byte redundancy

NMOS/CMOS EEPROM

An Electrically Erasable Programmable Read Only Memory (EEPROM) designed for applications requiring both nonvolatile memory and in-system reprogramming. This device is fabricated using Motorola's FET MOS (Floating-gate Electron Tunneling MOS) technology.
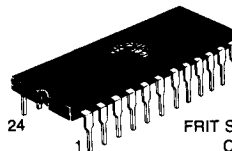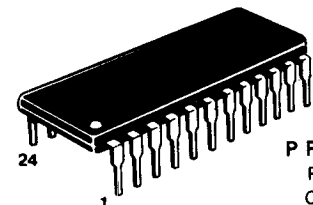
PLASTIC PACKAGE
CASE 646-05

CASE 626
PLASTIC

Organization	Part Number	Suffix	Package	Comments
16 × 16 bit	MCM2801	P	Case 646	NMOS 5V Read Mode 25V Write/Erase Mode
32 × 32 bit	MCM2802	P	Case 646	NMOS 5V Read Mode 25V Write/Erase Mode
256 × 8 bit	MCM2814	P	Case 626	CMOS Single Supply, user choice for SP1 or M-Bus Modes

NMOS EPROMS

Erasable (ultraviolet light) and reprogrammable Read Only Memory designed for system prototyping, debug and similar applications requiring nonvolatile memory that can be reprogrammed periodically.

FRIT SEAL PACKAGE
CASE 623A

P PACKAGE
PLASTIC
CASE 709

Organization	Part Number	Suffix	Access Time (ns Max.)	Power Diss. Active/Standby mA (Max.) During READ	Power Supplies	Pagage	Comments
8K × 8	MCM68764	C35 C	350 450	85/20	+5.0 V	C-Frit-Seal Ceramic Case 623A	Pin compatible with MCM68365 Mask-Programmable ROM
	MCM68766	C30 C35 C40 C	300 350 400 450	85/—			Pin compatible with MCM68366 Mask-Programmable ROM
8K × 8	MCM68769	P30 P35	300 350			P-Plastic Case 709	Inventoried in the un-programmed state, may be quickly and efficiently programmed by the user