

Function	Type ① -30 to -85°C	Propagation Delay ns typ	Pow. Dis. mW typ/pkg*	Case
9 – 2-Bit Parity Generator-Checker	MC10170	4.0	300	620
Dual Binary to 1-4 Decoder (Low)	MC10171	4.0	325	620, 648
Dual Binary to 1-4 Decoder (High)	MC10172	4.0	325	620, 648
Quad 2-Input Multiplexer/Latch	MC10173	2.5	275	620, 648
Dual 4 to 1 Multiplexer	MC10174	3.5	305	620, 648
Quint Latch	MC10175	2.5	400	620, 648
Hex "D" Master-Slave Flip-Flop	MC10176	f = 150 MHz	460	620, 648
Triple MECL to NMOS Translator	MC10177	—	1.0 W	620
Binary Counter	MC10178	f = 150 MHz	370	620, 648
Look-Ahead Carry Block	MC10179	3.0(Cn,P)4.0(G)	300	620, 648
Dual High Speed Adder/Subtractor	MC10180	4.5	360	620, 648
4-Bit Arithmetic Logic Unit/Function Generator	MC10181	See Logic Diag.	600	623, 649
2-Bit Arithmetic Logic Unit/Function Generator	MC10182	See Logic Diag.	575	620
4 x 2 Multiplexer	MC10183	50	760	623
Hex "D" Master Slave Flip-Flop/with Reset	MC10186	f = 150 MHz	460	620
Quad MST to MECL 10,000 Translator	MC10190	2.5	215	620
Hex MECL 10,000 to MST Translator	MC10191	2.2	145	620
Error Detection-Correction Circuit	MC10193	7.5	520	620
Dual Simultaneous Bus Transceiver	MC10194	2.5	405	620
Hex Inverter/Buffer	MC10195	2.0	200	620
Hex "AND" Gate	MC10197	2.8	200	620
Monostable Multivibrator	MC10198	PW=10nS(min)	415	620
High-Speed Dual 3-Input 3-Output OR Gate	MC10210	1.5	160	620, 648
High-Speed Dual 3-Input 3-Output NOR Gate	MC10211	1.5	160	620, 648
High-Speed Dual 3-Input 3-Output OR/NOR Gate	MC10212	1.5	160	620
High-Speed Triple Line Receiver	MC10216	1.8	100	620, 648
High-Speed Dual Type D Master-Slave Flip-Flop	MC10231	f = 225 MHz	270	620, 648
High-Speed 2 x 1 Bit Array Multiplier Block	MC10287	—	400	620

- ① L suffix denotes Dual In-Line Ceramic Package, P suffix denotes Dual In-Line Plastic Package,
(i.e., MC10100L = Ceramic Dual In-Line Package, MC10100P = Plastic Dual In-Line Package)
*External Load Power not included.

Cases