

MECL 10K INTEGRATED CIRCUITS

MC10,100/10,200 Series
-30 to 85°C

Function Selection — (-30° to +85°C)

Function	Device	Case
NOR Gates		
Quad 2-Input Gate/Strobe	MC10100	620, 648, 775
Quad 2-Input Gate	MC10102	620, 648, 775
Triple 4-3-3 Input Gate	MC10106	620, 648, 775
Dual 3-Input 3-Output Gate	MC10111	620, 648, 775
Dual 3-Input 3-Output Gate	MC10211	620, 648, 775
OR Gates		
Quad 2-Input Gate	MC10103	620, 648, 775
Dual 3-Input 3-Output Gate	MC10110	620, 648, 775
Dual 3-Input 3-Output Gate	MC10210	620, 648, 775
AND Gates		
Quad 2-Input Gate	MC10104	620, 648, 775
Hex Gate	MC10197	620, 648, 775
Complex Gates		
Quad OR/NOR Gate	MC10101	620, 648, 775
Triple 2-3-2 Input OR/NOR Gate	MC10105	620, 648, 775
Dual 4-5 Input OR/NOR Gate	MC10109	620, 648, 775
Dual 3-Input 3-Output OR/NOR Gate	MC10212	620, 648, 775
Triple 2-Input Exclusive OR/NOR Gate	MC10107	620, 648, 775
Quad 2-Input Exclusive OR/NOR Gate	MC10113	620, 648, 775
Dual 2-Wide 2-3 Input OR-AND/OR-AND INVERT	MC10117	620, 648, 775
Dual 2-Wide 3-Input OR-AND	MC10118	620, 648, 775
4-Wide 4-3-3-3 Input OR-AND	MC10119	620, 648, 775
4-Wide 3-Input OR-AND/OR-AND INVERT	MC10121	620, 648, 775
Buffers/Inverters		
Hex Buffer/Enable	MC10188	620, 648, 775
Hex Inverter/Enable	MC10189	620, 648, 775
Hex Inverter/Buffer	MC10195	620, 648, 775
Line Drivers/Line Receivers		
Triple Line Receiver	MC10114	620, 648, 775
Quad Line Receiver	MC10115	620, 648, 775
Triple Line Receiver	MC10116	620, 648, 775
Quad Bus Receiver	MC10129	620
Quad Bus Driver	MC10192	620, 648, 775
Triple Line Receiver	MC10216	620, 648, 775
Triple 4-3-3 Input Bus Driver	MC10123	620, 648, 775
Dual Bus Driver	MC10128	620
Translators		
Quad TTL-MECL	MC10124	620, 648, 775
Quad MECL-TTL	MC10125	620, 648, 775
Quad MST to MECL	MC10190	620, 648, 775

Function	Device	Case
Flip-Flop/Latches		
Dual D Master Slave Flip-Flop	MC10131	620, 648, 775
Dual J-K Master Slave Flip-Flop	MC10135	620, 648, 775
Hex D Master Slave Flip-Flop	MC10176	620, 648, 775
Hex D Common Reset Flip-Flop	MC10186	620, 648, 775
Dual D Master Slave Flip-Flop	MC10231	620, 648, 775
Quad Latch	MC10133	620, 648, 775
Quint Latch	MC10175	620, 648, 775
Quad/Common Clock Latch	MC10188	620, 648, 775
Quad/Negative Clock Latch	MC10153	620, 648, 775
Dual Latch	MC10130	620, 648, 775
Encoders		
8-Input Encoder	MC10165	620, 648, 775
Decoders		
Binary to 1-8 (Low)	MC10161	620, 648, 775
Binary to 1-8 (High)	MC10162	620, 648, 775
Dual Binary to 1-4 (Low)	MC10171	620, 648, 775
Dual Binary to 1-4 (High)	MC10172	620, 648, 775
Parity Generator/Checkers		
12-Bit Parity Generator-Checker	MC10160	620, 648, 775
9 + 2 Bit Parity	MC10170	620, 648, 775
Counters		
Hexadecimal	MC10136	620, 648, 775
Decade	MC10137	620, 648
Biquinary	MC10138	620, 648, 775
Binary Down Counter	MC10154	620, 648
Binary	MC10178	620, 648, 775
Arithmetic Functions		
5-Bit Magnitude Comparator	MC10166	620, 648, 775
4-Bit Arithmetic Function Gen.	MC10181	623, 649
Shift Register		
4-Bit Universal	MC10141	620, 648, 775
Multivibrators		
Monostable Multivibrators	MC10198	620, 648, 775
Multiplexer		
Quad 2-Input/Noninverting	MC10158	620, 648, 775
Dual Multiplexer/Latch	MC10132	620, 648
Dual Multiplexer/Latch	MC10134	620, 648, 775
Quad 2-Input/Inverting	MC10159	620, 648, 775
8-Line	MC10164	620, 648, 775
Quad 2-Input/Latch	MC10173	620, 648, 775
Dual 4-1	MC10174	620, 648, 775