



TRUTH TABLE

ENABLE	ADDRESS INPUTS			Z
	C	B	A	
L	L	L	L	X0
L	L	L	H	X1
L	L	H	L	X2
L	L	H	H	X3
L	H	L	L	X4
L	H	L	H	X5
L	H	H	L	X6
L	H	H	H	X7
H	∅	∅	∅	L

∅ = Don't Care

V_{CC1} = Pin 1

V_{CC2} = Pin 16

V_{EE} = Pin 8

P_D = 310 mW typ/pkg (No Load)

t_{pd} = 3.0 ns typ (Data to output)

8-Line Multiplexer

The MC10164 is a high speed, low power eight-channel data selector which routes data present at one of-eight inputs to the output. The data is routed according to the three bit code present on the address inputs. An enable input is provided for easy bit expansion.

MC10164

LATCHES