



TRUTH TABLE

Select	D0	D1	Q
H	0	1	0
H	1	0	1
L	0	1	1
L	1	0	0

$V_{CC}$  = Pin 16  
 $V_{EE}$  = Pin 8

$P_D$  = 197 mW typ/pkg (No Load)  
 $t_{pd}$  = 2.5 ns typ (Data to Q)  
 3.2 ns typ (Select to Q)

## Quad 2-Input Multiplexer (Non-Inverting)

The MC10158 is a quad two channel multiplexer. A common select input determines which data inputs are enabled. A high (H) level enables data inputs (D0 0, D1 0, D2 0, and D3 0) and a low (L) level enables data inputs D0 1, D1 1, D2 1, and D3 1.