TRUTH TABLE

ENABLE	ADDRESS INPUTS		OUTPUTS	
Ē	B	A	Q0	Q1
H	ϕ	ϕ	L	L
L	L	L	D00	D10
L	L	H	D01	D11
L	H	L	D02	D12
L	H	H	D03	D13

ϕ = Don't Care

V_{CC1} = Pin 1
V_{CC2} = Pin 16
V_{EE} = Pin 8

P_D = 305 mW typ/pkg (No Load)
t_{pd} = 3.5 ns typ (data to output)

Dual 4 to 1 Multiplexer

The MC10174 is a high speed dual channel multiplexer with output enable capability. The select inputs determine one of four active data inputs for each multiplexer. An output enable forces both outputs low when in the high state. The enable is also useful in wire-ORing several multiplexers to achieve additional channel capability. Delay from data input to output is typically 3.5 nanoseconds.