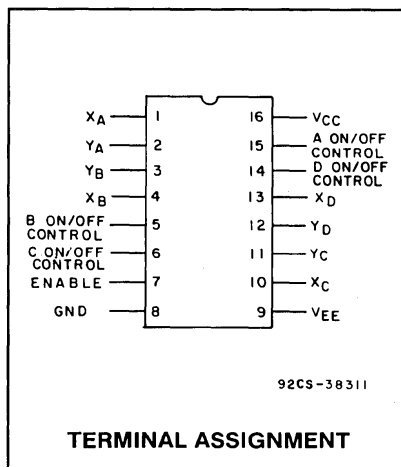


CD54HC4316/74HC4316 CD54HCT4316/74HCT4316

Quad Analog Switch/Multiplexer/ Demultiplexer with Separate Analog and Digital Power Supplies

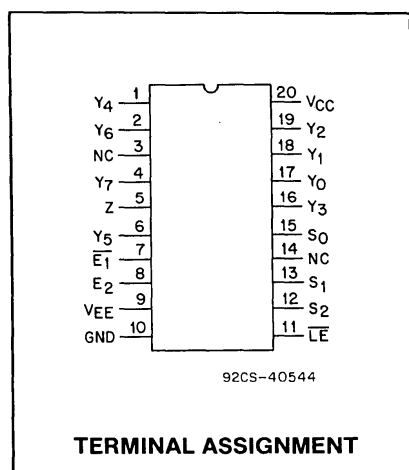


Typical Switching Characteristics ($V_{CC} = 5V$, $GND = 0$, $t_r = t_f = 6ns$)

CHARACTERISTICS	15pF	50pF	UNITS
	54/74HC/HCT	54/74HC/HCT	
Propagation Delay Time t_{PZL} , t_{PZH} Switch "Turn-ON"	12	14	ns
Switch "Turn-OFF" t_{PHZ} , t_{PLZ}	12	14	

CD54HC4351/74HC4351 CD54HCT4351/74HCT4351

8-Channel Analog Multiplexer/ Demultiplexer with Address Latch



FUNCTION TABLE

Control Inputs				ON Switches (LE = H) *	
Enable 1	Enable 2	Select			
		C	B		A
L	H	L	L	L	Y0
L	H	L	L	H	Y1
L	H	L	H	L	Y2
L	H	L	H	H	Y3
L	H	H	L	L	Y4
L	H	H	L	H	Y5
L	H	H	H	L	Y6
L	H	H	H	H	Y7
H	L	X	X	X	None

X = Don't Care

*When Latch Enable is low, the Channel-Select data is latched, and the switches do not change state.