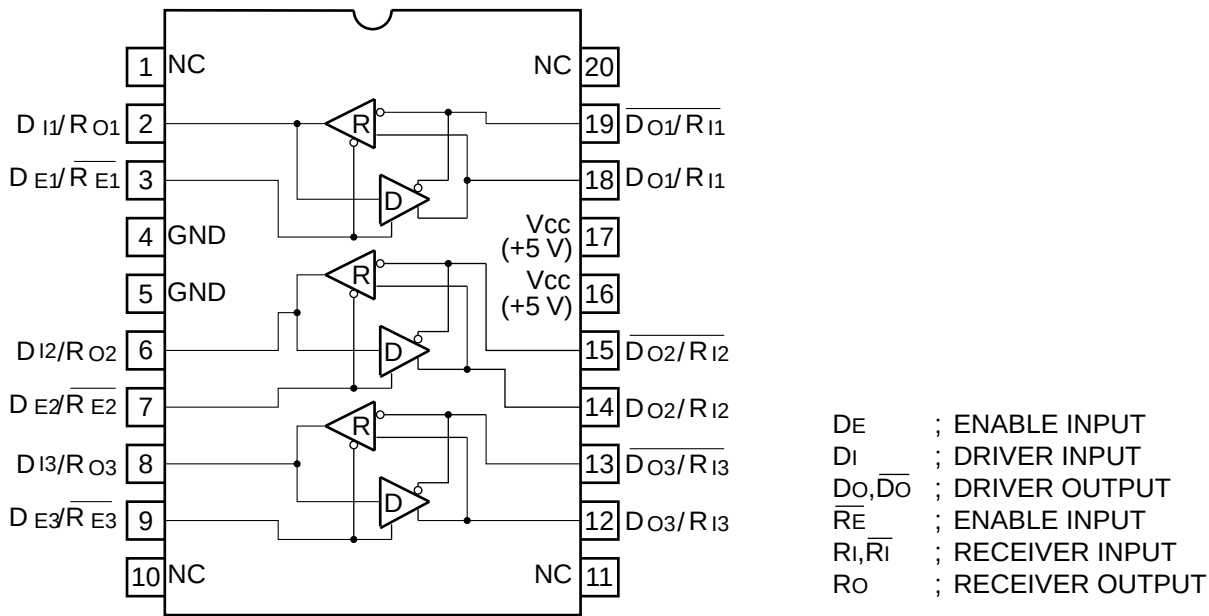


TRIPLE DIFFERENTIAL LINE TRANSCEIVER
-TOP VIEW



FUNCTION TABLE

(1)DRIVER SECTION

INPUT(TTL)		OUTPUT(BUS)	
DIn	DEn	DO _n	$\overline{DO}_n$
1	1	1	0
0	1	0	1
X	0	HI-Z	HI-Z

(2)RECEIVER SECTION

INPUT		OUTPUT(TTL)
$\overline{RI}_n$ - $\overline{RI}_n$ (Differential Voltage)	$\overline{RE}_n$ (TTL)	RO _n
V _{ID} 0.2 V	0	1
-0.2<V _{ID} <0.2 V	0	OUT
V _{ID} -0.2 V	0	0
X	1	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE(OFF STATUS)
X ; DON'T CARE
OUT ; OUTPUT LEVEL