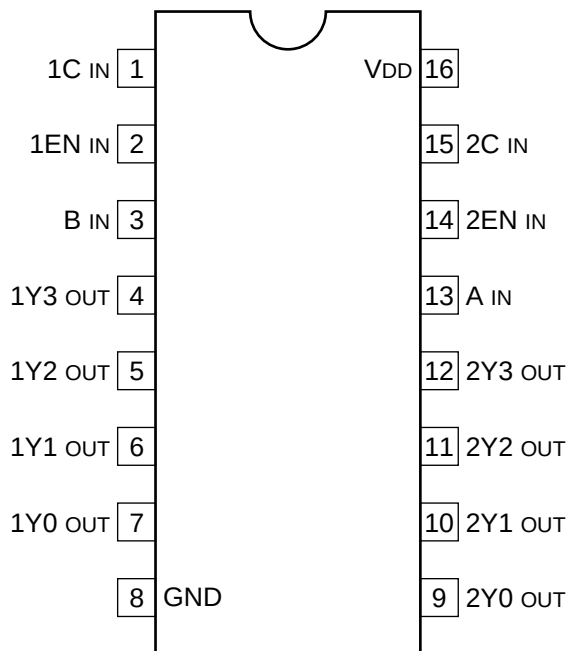


TTL DUAL 2-TO-4-LINE DECODER / 3-TO-8-LINE DECODER

—TOP VIEW—

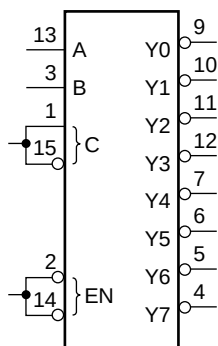


DUAL 2-TO-4-LINE DECODER

INPUTS				OUTPUTS			
EN	C	B	A	Y3	Y2	Y1	Y0
0	0	0	0	1	1	1	0
0	0	0	1	1	1	0	1
0	0	1	0	1	0	1	1
0	0	1	1	0	1	1	1
X	1	X	X	1	1	1	1
1	X	X	X	1	1	1	1

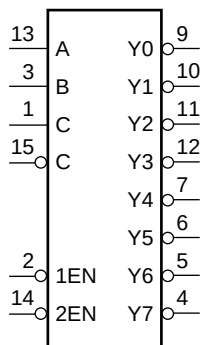
INPUTS				OUTPUTS			
EN	C	B	A	Y3	Y2	Y1	Y0
0	1	0	0	1	1	1	0
0	1	0	1	1	1	0	1
0	1	1	0	1	0	1	1
0	1	1	1	0	1	1	1
X	0	X	X	1	1	1	1
1	X	X	X	1	1	1	1

3-TO-8-LINE DECODER



INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	0	0	0	1	1	1	1	1	1	1	0
0	0	0	1	1	1	1	1	1	1	0	1
0	0	1	0	1	1	1	1	1	0	1	1
0	0	1	1	1	1	1	1	0	1	1	1
0	1	0	0	1	1	1	0	1	1	1	1
0	1	0	1	1	1	0	1	1	1	1	1
0	1	1	0	1	0	1	1	1	1	1	1
0	1	1	1	0	1	1	1	1	1	1	1
1	X	X	X	1	1	1	1	1	1	1	1

0 ; LOW LEVEL 1 ; HIGH LEVEL X ; DON'T CARE



or

