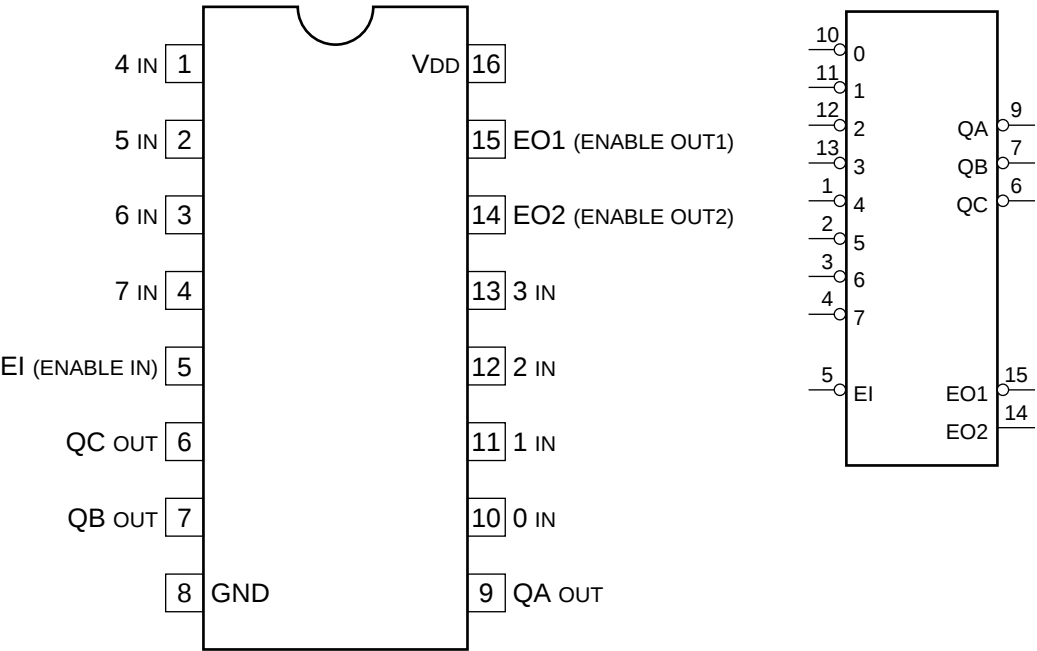


C-MOS 8-TO-3-LINE PRIORITY ENCODER

—TOP VIEW—



INPUTS									OUTPUTS				
EI	7	6	5	4	3	2	1	0	QC	QB	QA	EO1	EO2
1	x	x	x	x	x	x	x	x	1	1	1	1	1
0	1	1	1	1	1	1	1	1	1	1	1	0	1
0	1	1	1	1	1	1	1	0	1	1	1	1	0
0	1	1	1	1	1	1	0	x	1	1	0	1	0
0	1	1	1	1	1	0	x	x	1	0	1	1	0
0	1	1	1	1	0	x	x	x	1	0	0	1	0
0	1	1	1	0	x	x	x	x	0	1	1	1	0
0	1	1	0	x	x	x	x	x	0	1	0	1	0
0	1	0	x	x	x	x	x	x	0	0	1	1	0
0	0	x	x	x	x	x	x	x	0	0	0	1	0

0 : LOW LEVEL

1 : HIGH LEVEL

x : DON'T CARE