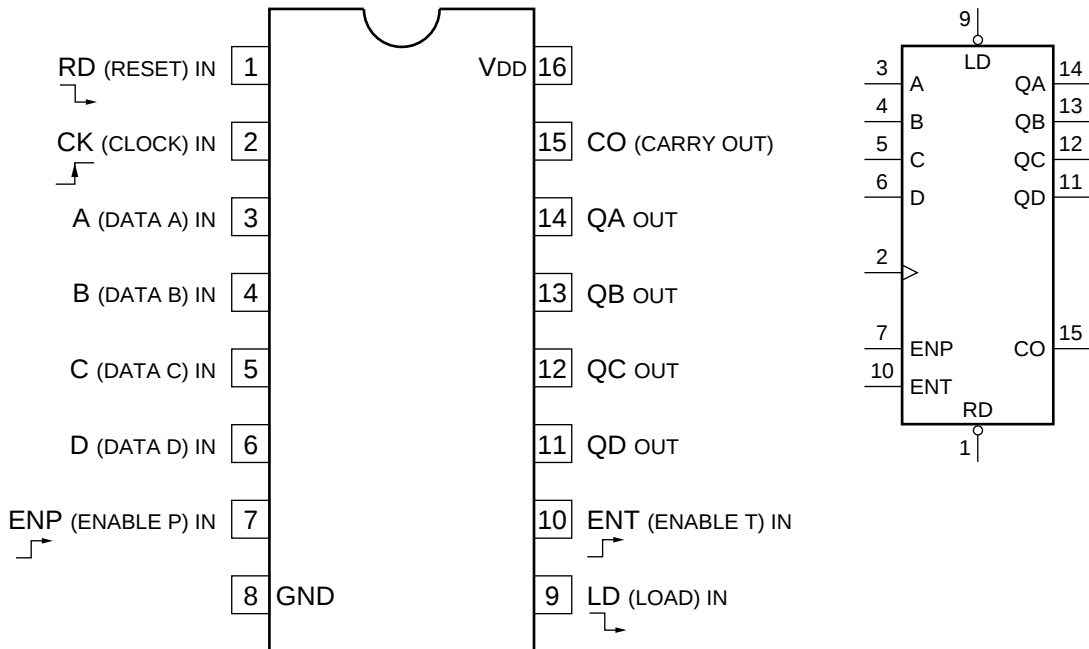


C-MOS SYNCHRONOUS PRESETTABLE 4-BIT DECADE COUNTER

—TOP VIEW—



MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	ENP	ENT	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"



CO IS HIGH WHEN ENT INPUT IS HIGH AND COUNT IS "9".

COUNT SEQUENCE

COUNT	OUTPUTS				
	QD	QC	QB	QA	QO
0	0	0	0	0	0
1	0	0	0	1	0
2	0	0	1	0	0
3	0	0	1	1	0
4	0	1	0	0	0
5	0	1	0	1	0
6	0	1	1	0	0
7	0	1	1	1	0
8	1	0	0	0	0
9	1	0	0	1	1

0 ; LOW LEVEL

1 ; HIGH LEVEL

X ; DON'T CARE