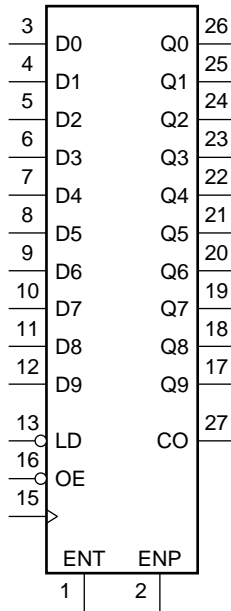
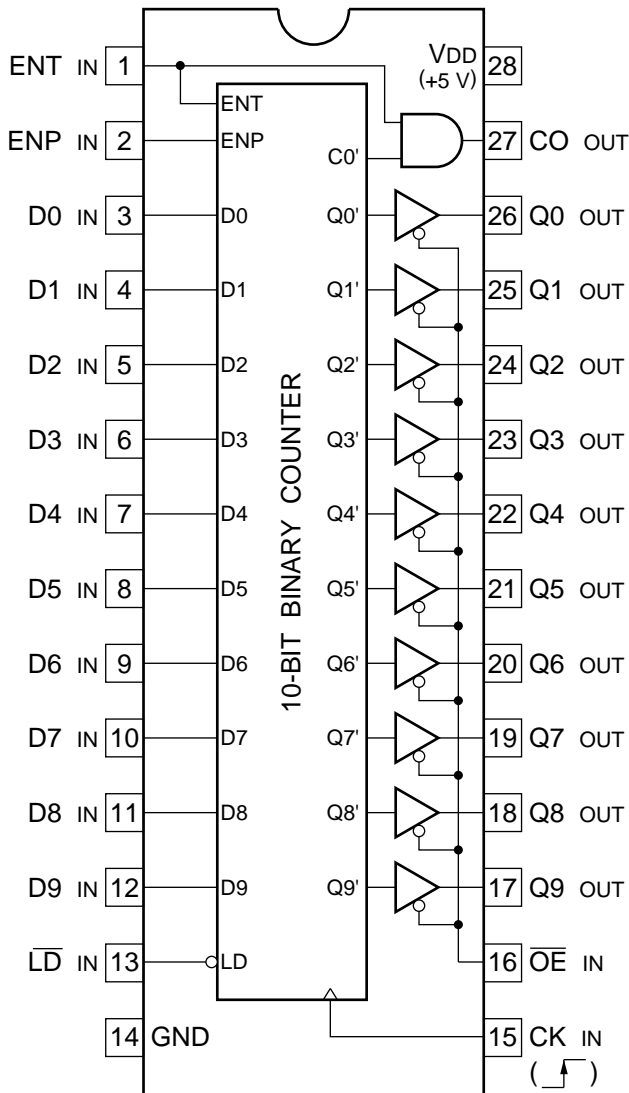

N-MOS SYNCHRONOUS 10-BIT BINARY COUNTER

-TOP VIEW-



ENT	ENP	\overline{LD}	FUNCTION
1	1	1	COUNT
0	X	1	NO COUNT
X	0	1	NO COUNT
X	X	0	LOAD

\overline{OE}	Q0 to Q9 OUTPUT
0	Q0' to Q9'
1	HI-IMPEDANCE

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

- Q0 - Q9 ; OUTPUTS
- Q0' - Q9' ; COUNTER OUTPUTS
- D0 - D9 ; INPUTS DATA
- CO ; CARRY OUTPUT
- \overline{OE} ; OUTPUT ENABLE INPUT
- \overline{LD} ; INPUT DATA LOAD
- ENT ; CLOCK & CARRY OUT ENABLE
- ENP ; CLOCK ENABLE
- CK ; CLOCK INPUT

CARRY OUTPUT "CO"

