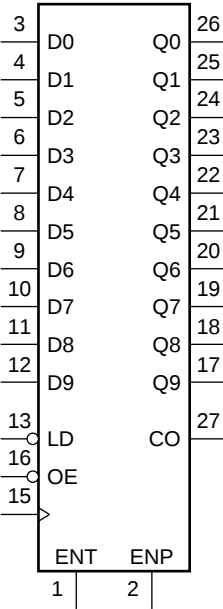
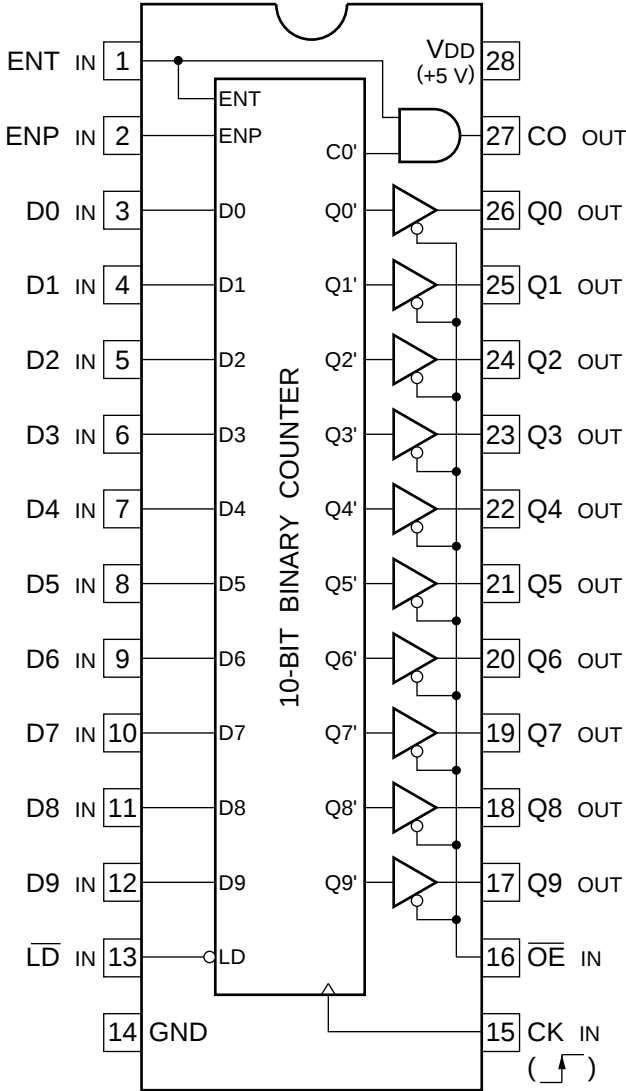

N-MOS SYNCHRONOUS 10-BIT BINARY COUNTER

-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
OE ; OUTPUT ENABLE INPUT
LD ; INPUT DATA LOAD
ENT ; CLOCK & CARRY OUT ENABLE
ENP ; CLOCK ENABLE
CK ; CLOCK INPUT

CARRY OUTPUT "CO"

