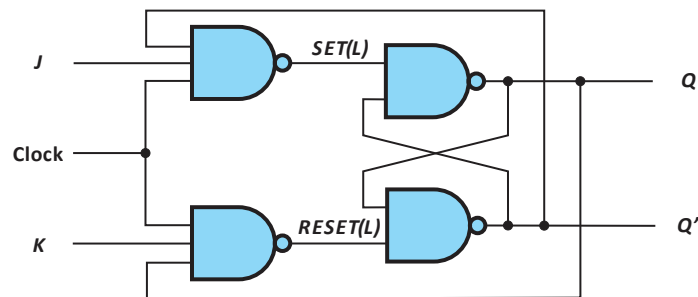


J	K	Present State $Q(t)$	Next State $Q(t + 1)$	Action
0	0	0	0	No change
0	0	1	1	
0	1	0	0	Reset
0	1	1	0	
1	0	0	1	Set
1	0	1	1	
1	1	0	1	Toggle
1	1	1	0	

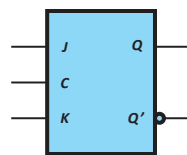
TABLE 3.12 Characteristic Table for JK Flip-Flop

$Q(t)$	$\rightarrow Q(t + 1)$	J	K
0	0	0	x
0	1	1	x
1	0	x	1
1	1	x	0

JK Excitation Table



Clocked JK Flip-Flop Logic Diagram



Clocked JK Flip-Flop Schematic Symbol

