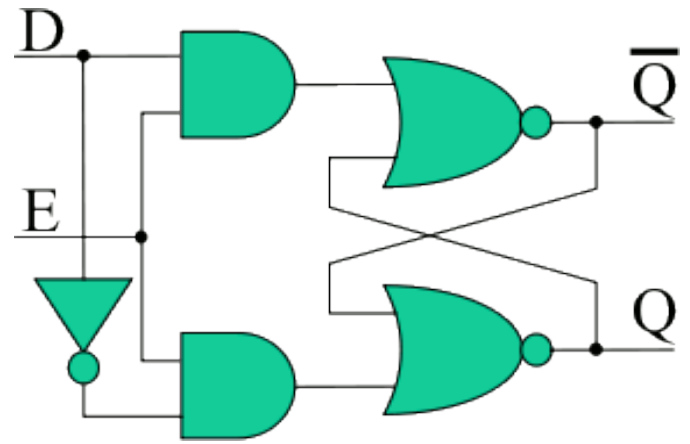




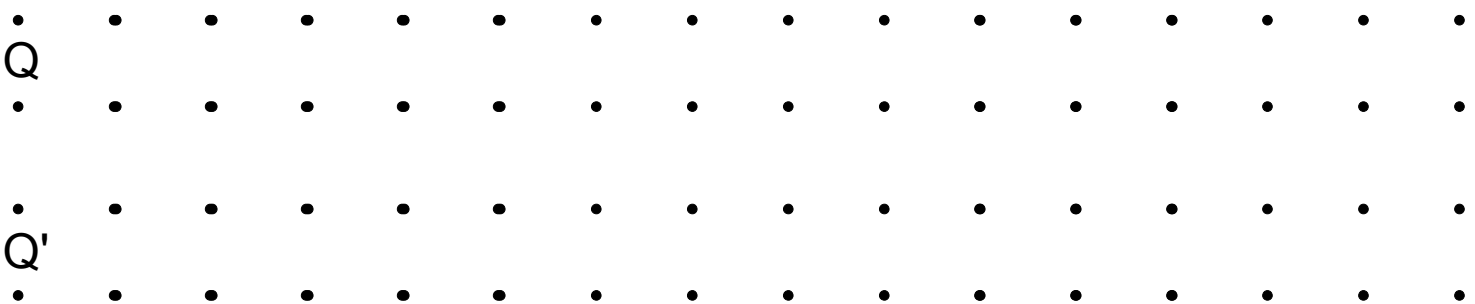
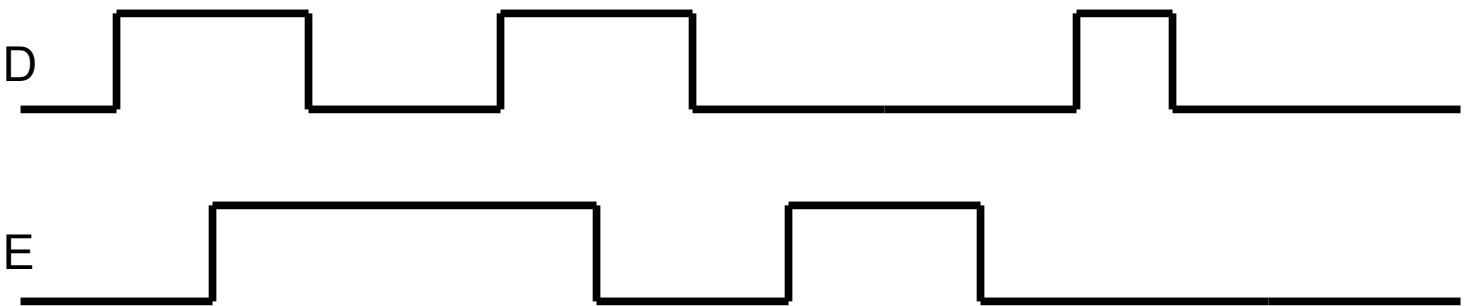
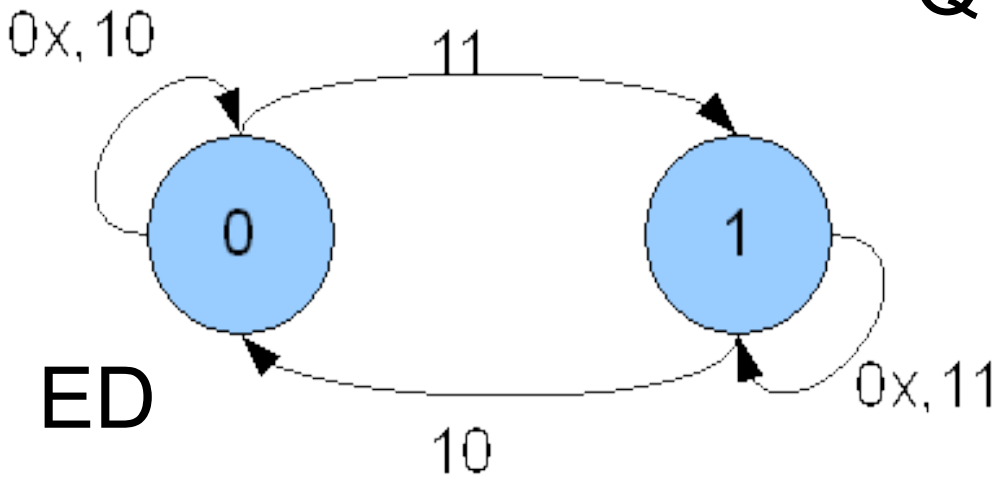


# D Latch

E	D	Q*	Command
0	x	Q	Remember
1	0	0	Transparent
1	1	1	Transparent

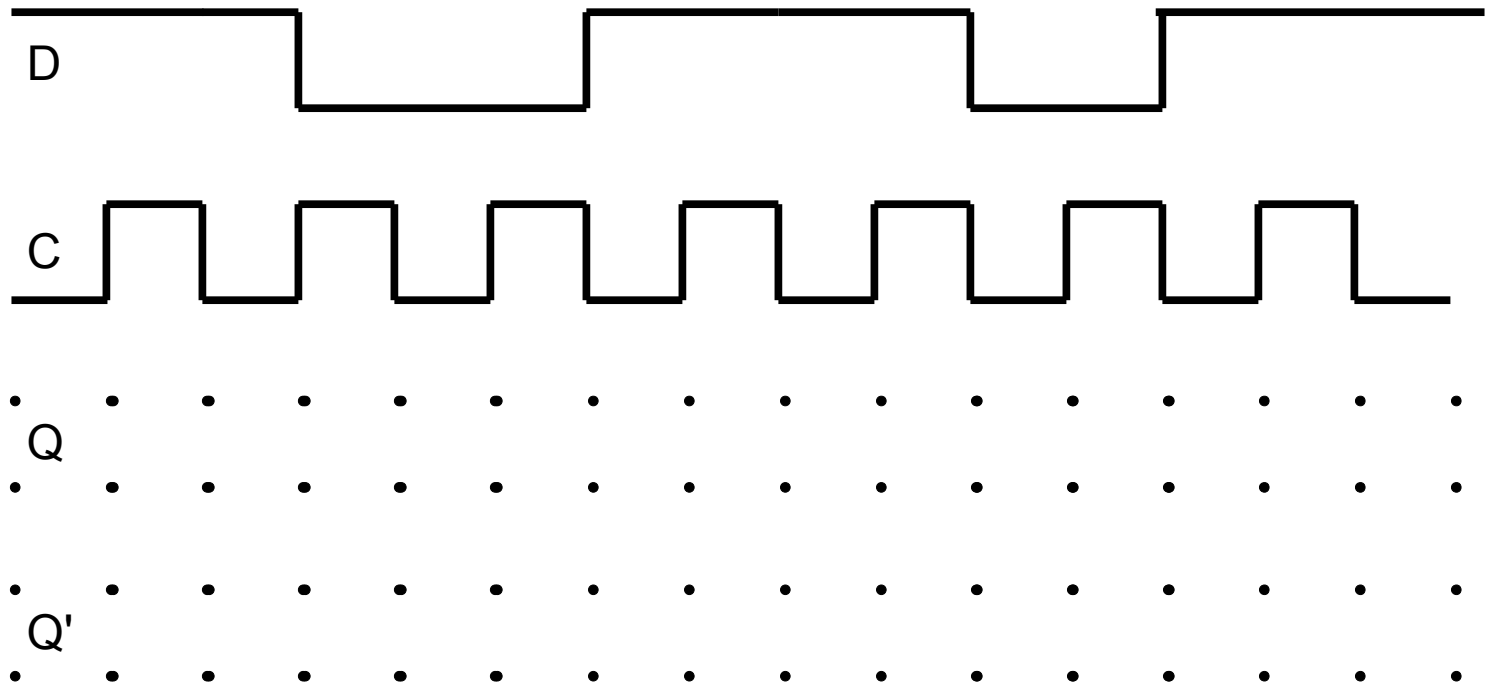
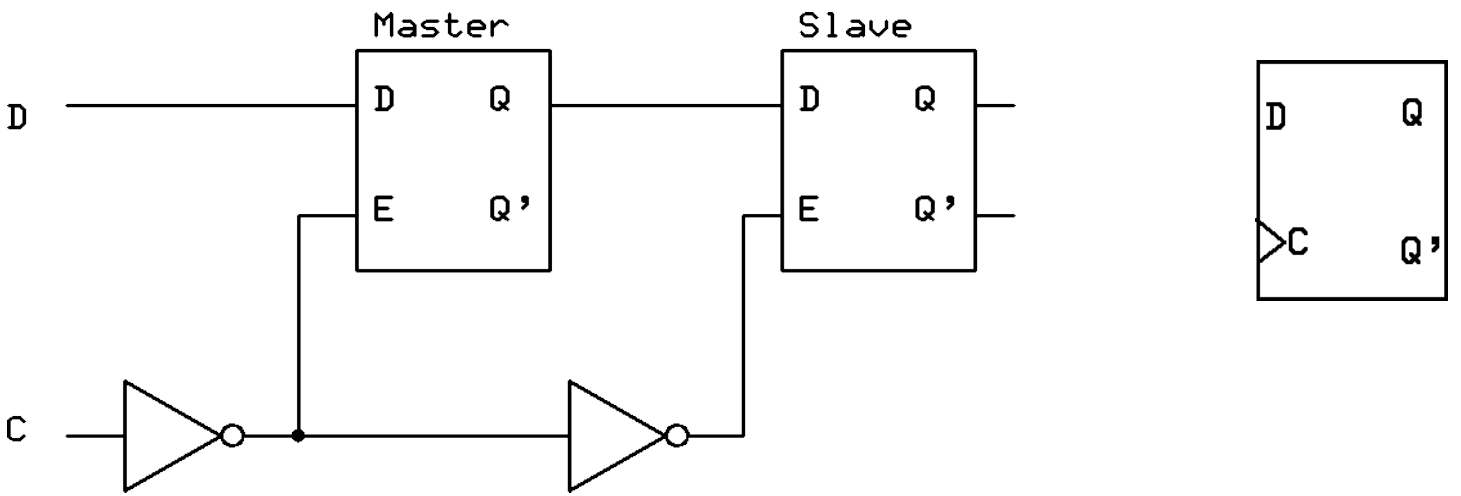
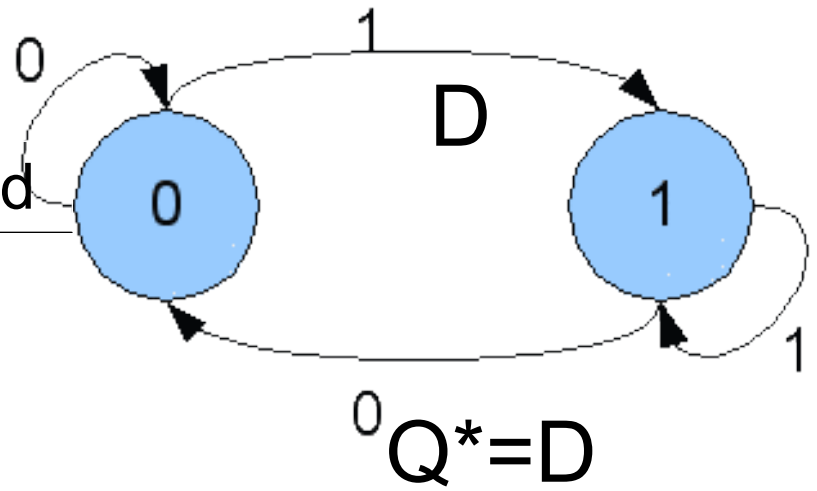


$$Q^* = DE + EQ$$



# D Flip-Flop

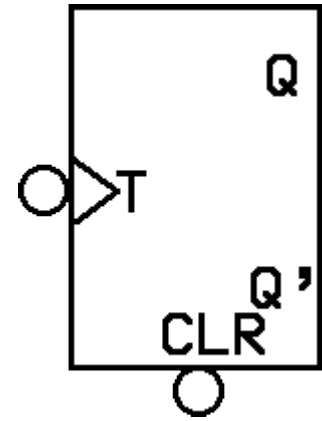
D	C	Q*	Command
0	↑	0	Reset
1	↑	1	Set



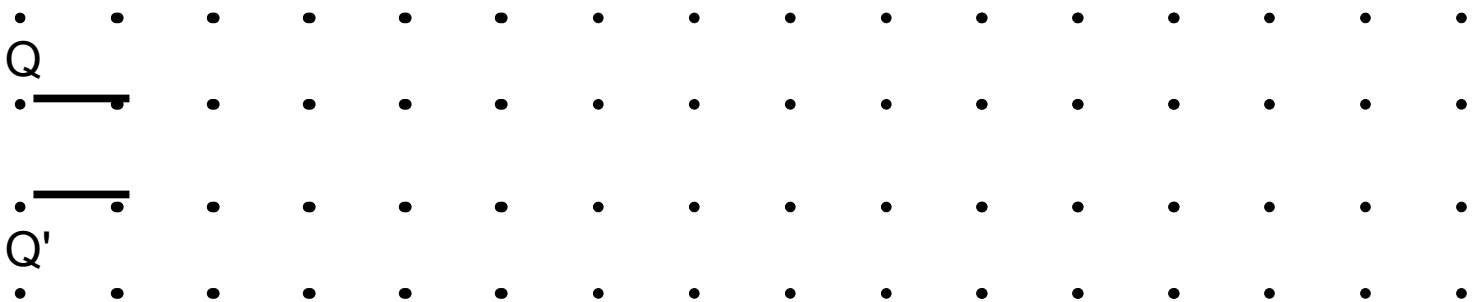
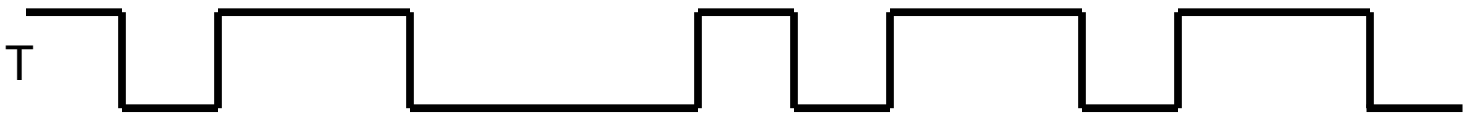
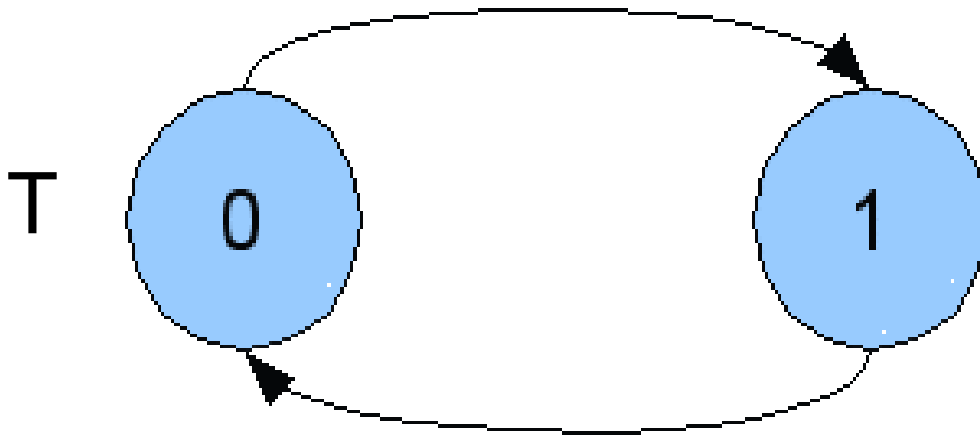


# T Flip-Flop (Edge Triggered)

T	Q*	Command
↓	Q'	Toggle

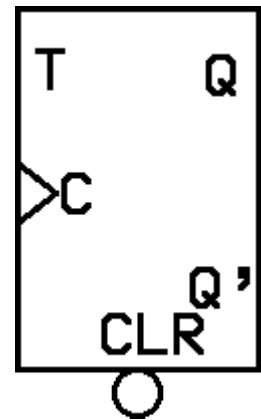


$$Q^* = \overline{Q}$$



# T Flip-Flop (Clocked)

T	C	Q*	Command
0	↓	Q	Remember
1	↓	Q'	Toggle



$$Q^* = TQ + TQ'$$

