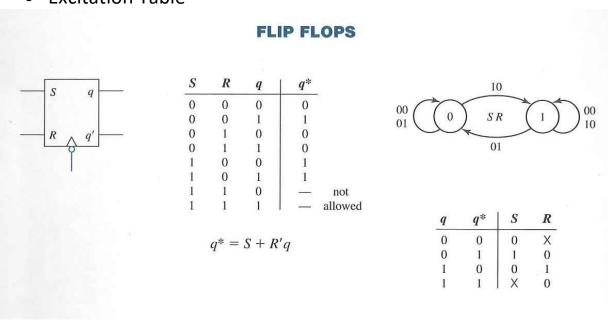
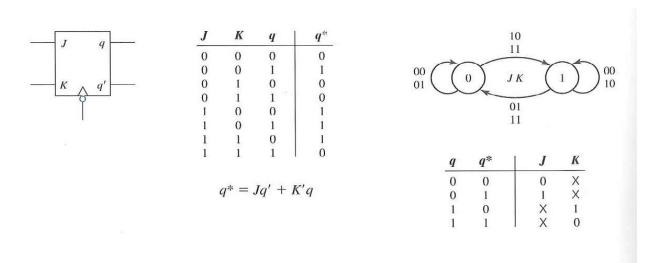
Basic Flip Flops

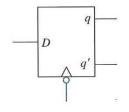
- Logic Symbol
- State Transition Table
- State Transition Diagram
- Next State Equation
- Excitation Table



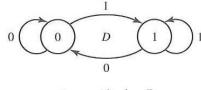
SR Flip Flop



JK Flip Flop

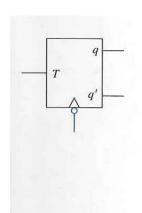


D	\boldsymbol{q}	q^*
0	0	0
0	1	0
1	0	1
1	1	1



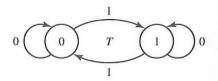
\boldsymbol{q}	q^*	D
0	0	0
0	1	1
1	0	0
1	1	1

D Flip Flop



\boldsymbol{T}	\boldsymbol{q}	q^*
0	0	0
0	1	1
1	0	1
1	1	0

$$q^* = T \oplus q$$



\boldsymbol{q}	q^*	T
0	0	0
0	1	1
1	0	1
1	1	0

T Flip Flop