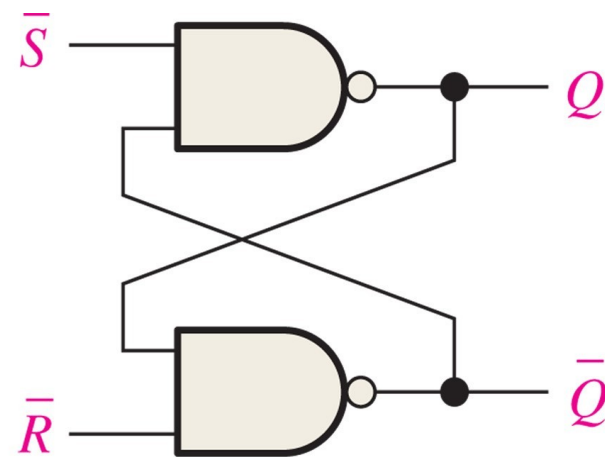
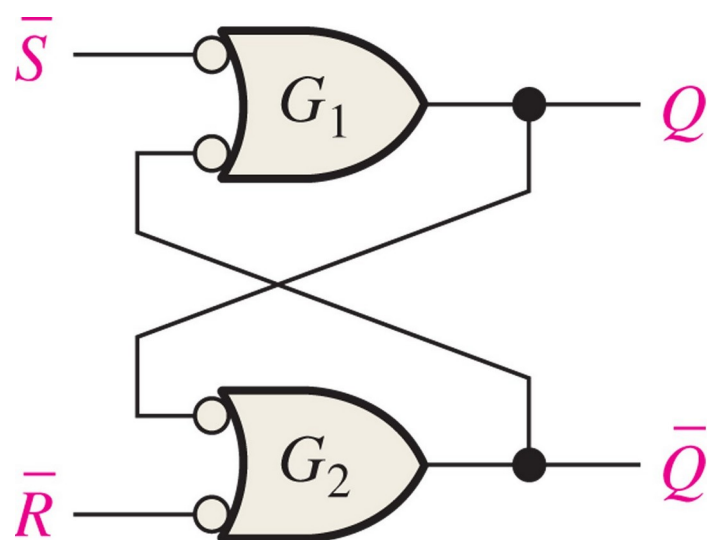


(a) Active-HIGH input S-R latch



(b) Active-LOW input  $\bar{S}$ - $\bar{R}$  latch



**TABLE 7-1**

Truth table for an active-LOW input  $\bar{S}$ - $\bar{R}$  latch.

Inputs		Outputs		Comments
$\bar{S}$	$\bar{R}$	$Q$	$\bar{Q}$	
1	1	NC	NC	No change. Latch remains in present state.
0	1	1	0	Latch SET.
1	0	0	1	Latch RESET.
0	0	1	1	Invalid condition