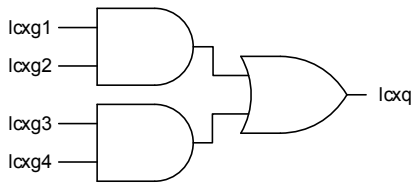
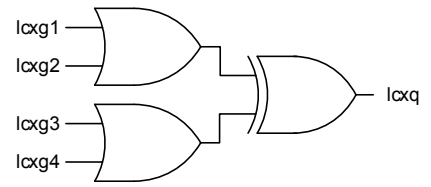


AND-OR



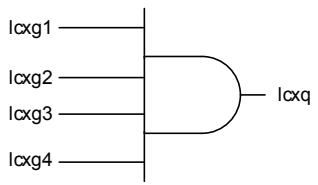
MODE [2 : 0] = 000

OR-XOR



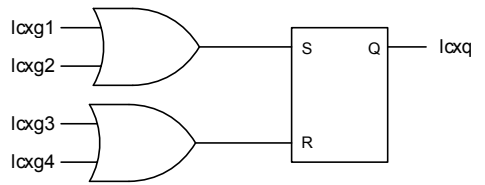
MODE [2 : 0] = 001

4-input AND



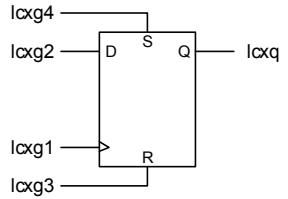
MODE [2 : 0] = 010

S-R Latch



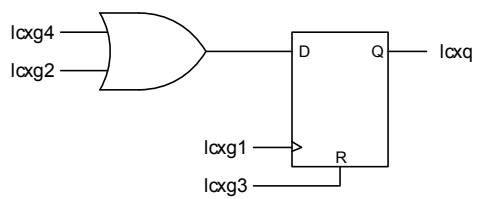
MODE [2 : 0] = 011

1-Input D Flip-Flop with S and R



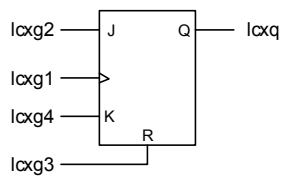
MODE [2 : 0] = 100

2-Input D Flip-Flop with R



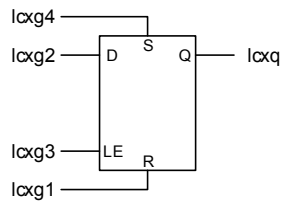
MODE [2 : 0] = 101

J-K Flip-Flop with R



MODE [2 : 0] = 110

1-Input Transparent Latch with S and R



MODE [2 : 0] = 111