Latch with Reset

V1
5

R2
100kΩ

R1
100kΩ

U1
555
Timer

Pin 8
Pin 7
Pin 6
Pin 2
Pin 1

Pin 4
Pin 3
Pin 5

Set Signal

5V

R3
1kΩ

Q1

Output

R4
330Ω

LED1

Reset Signal

5V

R5
1kΩ

Q2

C1
104
100nF

fritzing