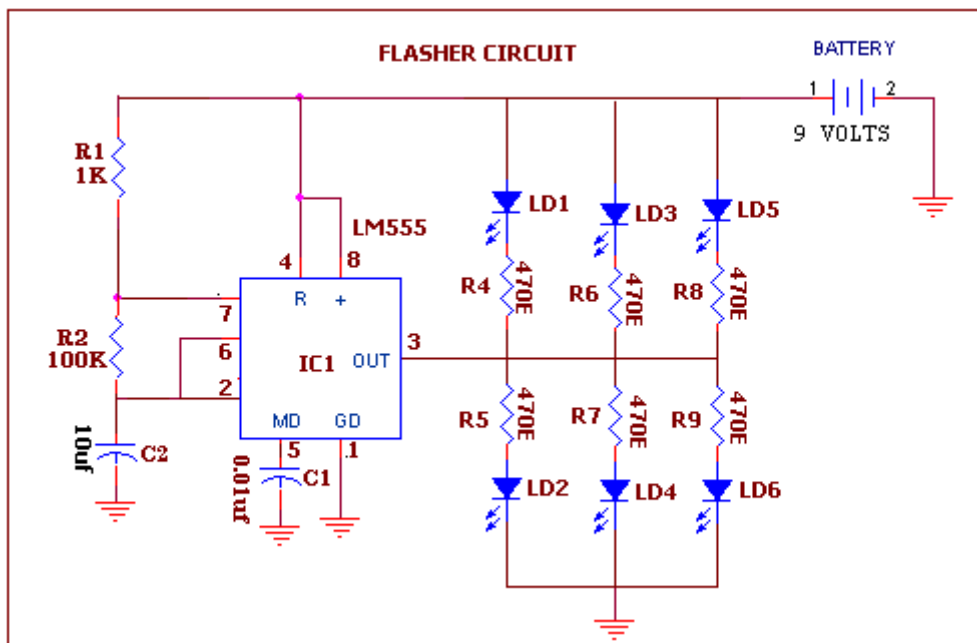


## FLASHER CIRCUIT:



In this circuit, three pairs of L.E.Ds blink alternatively. This flasher circuit switches its output ON and OFF periodically with respect to positive and negative potential reference level. The time period of ON and OFF duration is decided by R1, R2 and C2. The circuit is operated with a 9Volt battery. The speed of ON and OFF duration can be varied by altering the C2 value ranging from 1uf to 10uf, or else by using a potentiometer instead of R2.

Components used: R1 = 1k resistor, R2 = 100k resistor, R4 = 470E resistor, R5 = 470E resistor, R6 = 470E resistor, R7 = 470E resistor, R8 = 470E resistor, R9 = 470E resistor, C1 = 0.01uf capacitor, C2 = 10uf capacitor, Q1 = BC 547 NPN Transistor, LD1 to LD6 = L E Ds, IC 1 = LM 555 (with base), Battery = 9volt, Battery snapper.



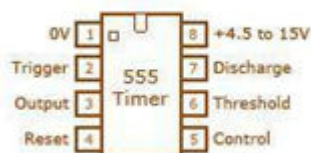
Brown Black Red



Yellow Violet Brown



Brown Black Yellow



0.01uf



Red L.E.D



Battery snapper

