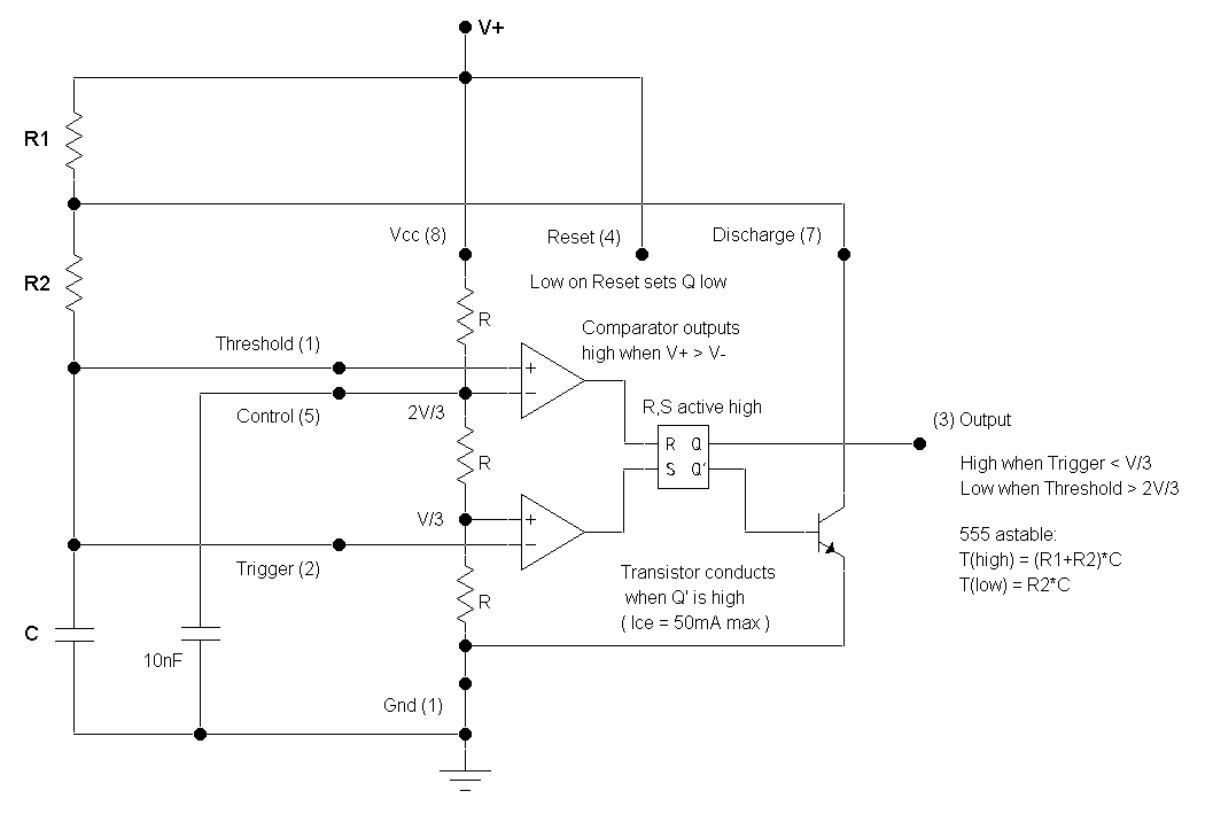
V+
R1
R2
Vcc (8)
Reset (4)
Discharge (7)
Low on Reset sets Q low
R
Comparator outputs
high when V+ > V-
Threshold (1)
Control (5)
2V/3
R
R,S active high
R Q
S Q'
(3) Output
High when Trigger < V/3
Low when Threshold > 2V/3
555 astable:
T(high) = (R1+R2)*C
T(low) = R2*C
V/3
Trigger (2)
Transistor conducts
when Q' is high
(Ice = 50mA max)
R
C
10nF
Gnd (1)