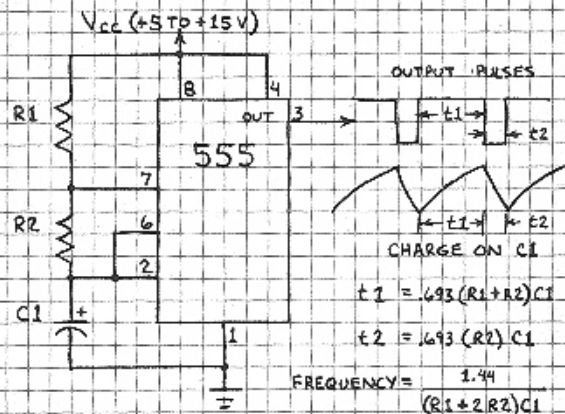


# BASIC ASTABLE CIRCUIT



HERE PINS 2 AND 6 ARE CONNECTED SO THE CIRCUIT WILL TRIGGER ITSELF EACH TIMING CYCLE, THEREBY FUNCTIONING AS AN OSCILLATOR. C1 CHARGES THROUGH R1 AND R2 BUT DISCHARGES THROUGH R2, THE CHARGE ON C1 RANGES FROM  $\frac{1}{3} V_{CC}$  TO  $\frac{2}{3} V_{CC}$ . THE OSCILLATION FREQUENCY IS INDEPENDENT OF  $V_{CC}$ .

