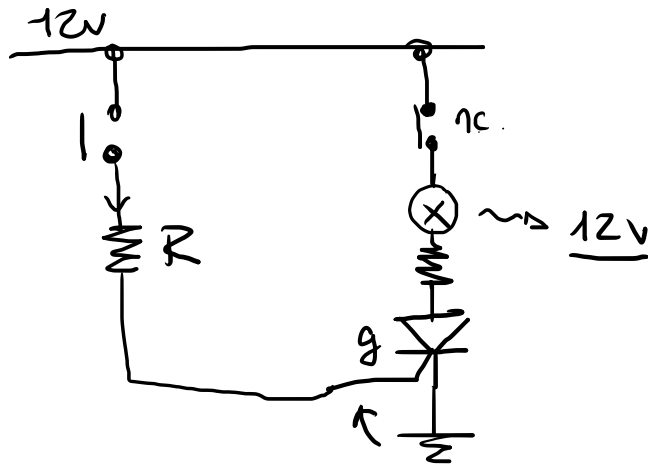


SCR - Latch Switch

110

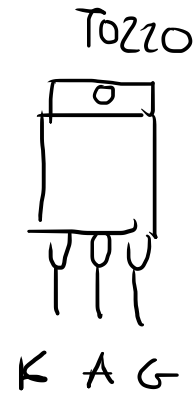


2N6402

$$V_G = 0,7 \dots 1,5 \text{ V}$$

↓

1V



$$12 \text{ V} - iR = 1 \text{ V}$$

$$-12 + iR = -1$$

$$iR = 12 - 1 = 11$$

$$R_g \leq \frac{11}{i} = \frac{11}{20 \text{ mA}} = 550 \Omega \sim \underline{1 \text{ k}}$$

$$i = \frac{1 \text{ V}}{1 \text{ k}} = \underline{1 \text{ mA}}$$