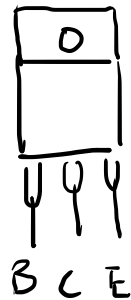


BD244



10mA

$$R = \frac{V}{i} = \frac{V_{BE}}{i} = \frac{0,7V}{0,07} = \underline{10\ \Omega}$$

$$P = i^2 \cdot R = 0,07^2 \cdot 10 = \underline{0,049\ W}$$

R_t : $390\ \Omega$ $68\ \Omega$ $10\ \Omega$

$$i = \frac{5V}{R + R_t} = \frac{5V}{10 + 390} = 12\ mA$$

① $\frac{5V}{10 + 68} = \underline{64\ mA}$

③ $\frac{5}{10 + 10} = 0,25 = 250\ mA$