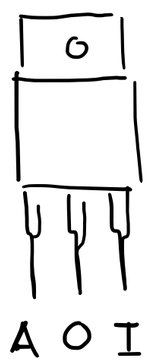
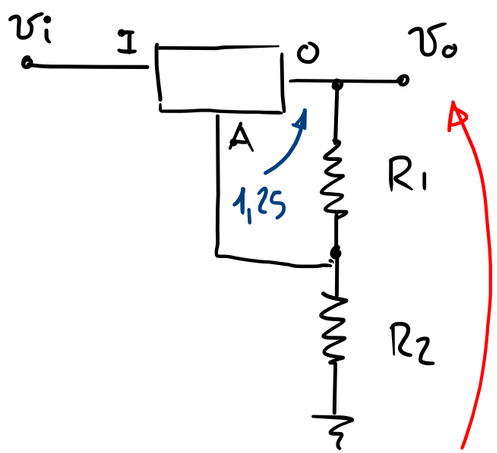
LM 317



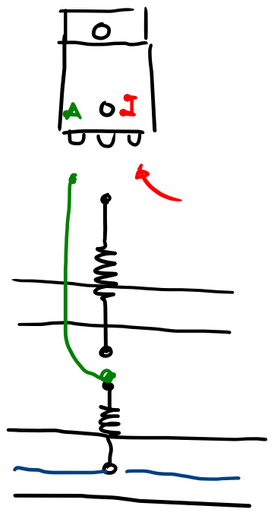
1,5A



$$V_o = 1{,}25\left(1 + \frac{R_2}{R_1}\right)$$

$R_1 = 1K$ $\quad V_o \dots$

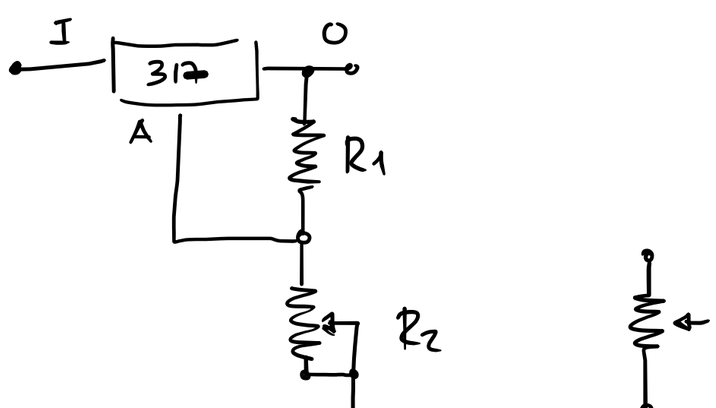
$R_2 = \dots$



$$R_2 = \frac{V}{I} = \frac{v_o - 1{,}25}{\frac{1{,}25}{R_1}}$$

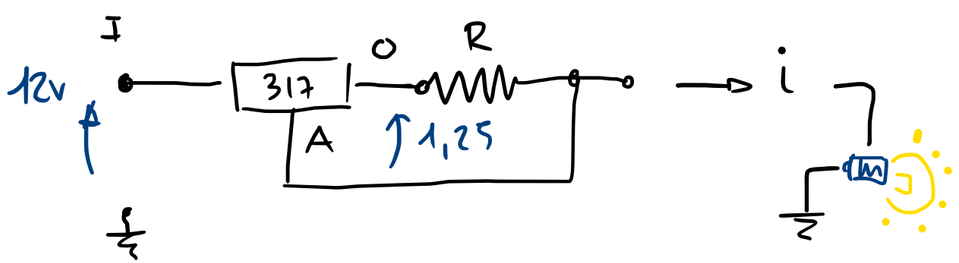
$V_o = 4\,V$ $\qquad R_2 \cong 2{,}2K\,\Omega$

② LM 317 STAB. TENS. REGOLABILE



- 1,25

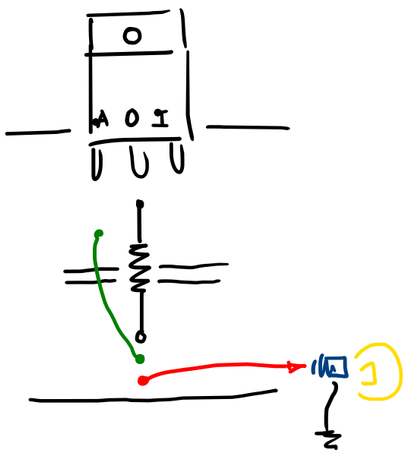
③ LM317 REG. I



$$i = \frac{1{,}25\,v}{R}$$

$$i = \frac{1{,}25}{1000} = 1{,}2\,mA$$

$$R = \frac{1{,}25\,v}{i}$$



$$i = \frac{1{,}25}{100} = 12{,}5\,mA$$

$$i = \frac{1{,}25}{10} = 125\,mA$$

$$P = i^2 \cdot R = 0{,}125^2 \cdot 10 \cong 0{,}156\,W$$