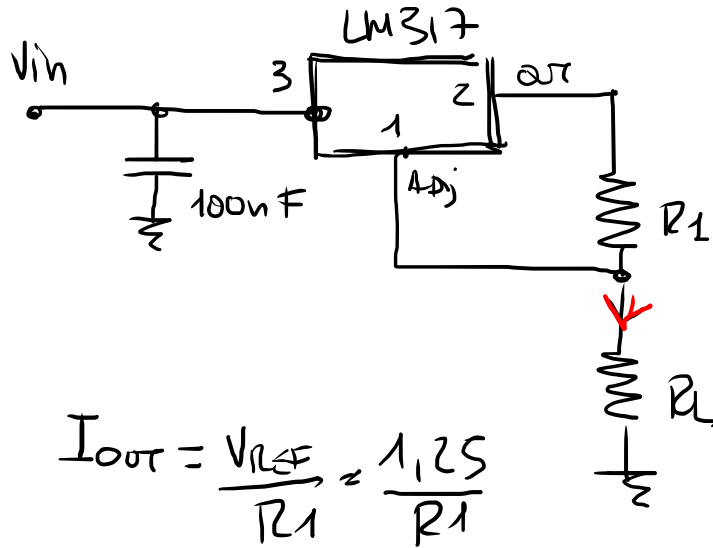
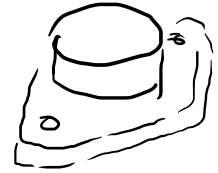


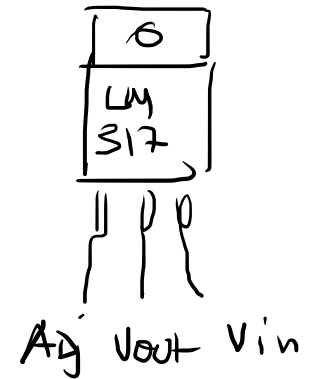
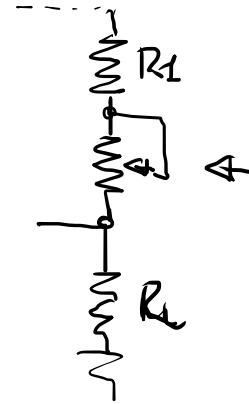
Regolatore di I con LM317

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TO2



$$I_{OUT} = \frac{V_{REF}}{R_1} \approx \frac{1,25}{R_1}$$



$$I_{max} 100 \text{ mA}$$

$$R_1 = \frac{V_{ref}}{I_{out}} = \frac{1,25}{0,1 \text{ A}} = \underline{12,5 \Omega}$$

$$R_{1_{min}} = \frac{1,25}{1 \text{ A}} = \underline{1,25 \Omega}$$

$$P_1 = i^2 \cdot R = 1 \cdot 1 \cdot 1,25 = \underline{1,25}$$

$20 \quad 2 \text{ W}$