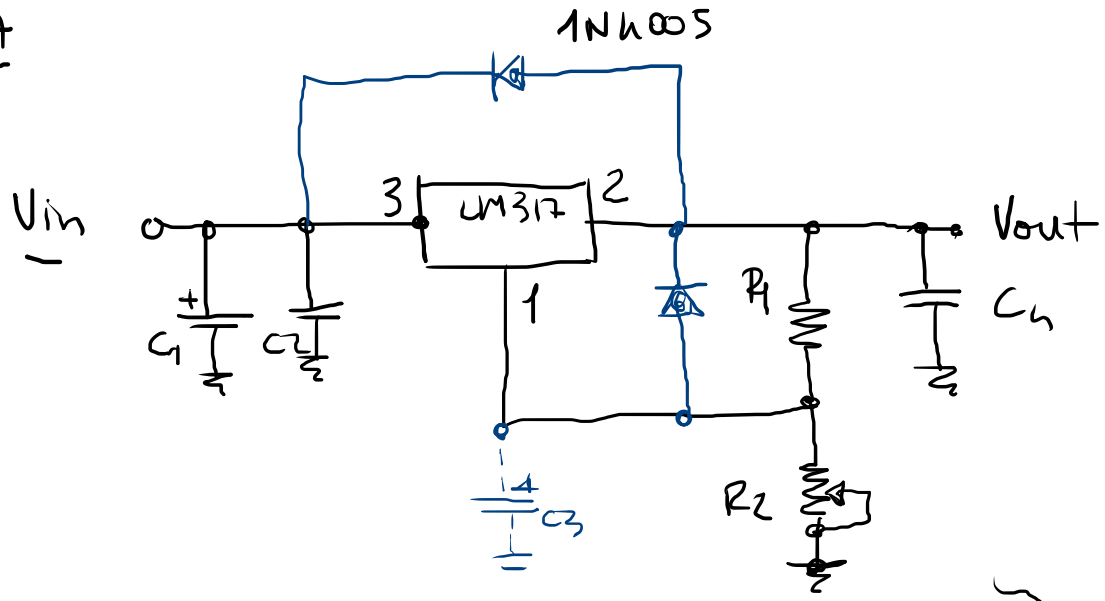
LM317



$C_1 = 1000/25$

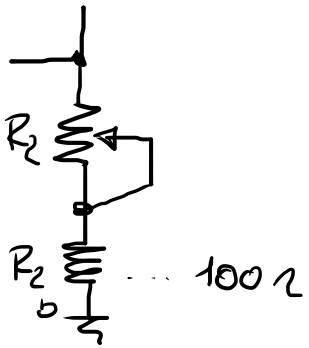
$C_2 = 100\,nF$

$C_3 = 10_M/25$

$C_4 = 100_M/25$

$R_1 = 220\,\Omega$ $\quad 1/4\,W$

$$R_2 = \left[\frac{V_o}{1{,}25} - 1\right] \cdot R_1 =$$



$$\frac{R_2}{R_1} = \frac{V_o}{1{,}25} - 1 \qquad \frac{V_o}{1{,}25} - 1 = \frac{R_2}{R_1} \qquad \frac{V_o}{1{,}25} = 1 + \frac{R_2}{R_1}$$

$$V_o = 1{,}25\left[1 + \frac{R_2}{R_1}\right]$$