

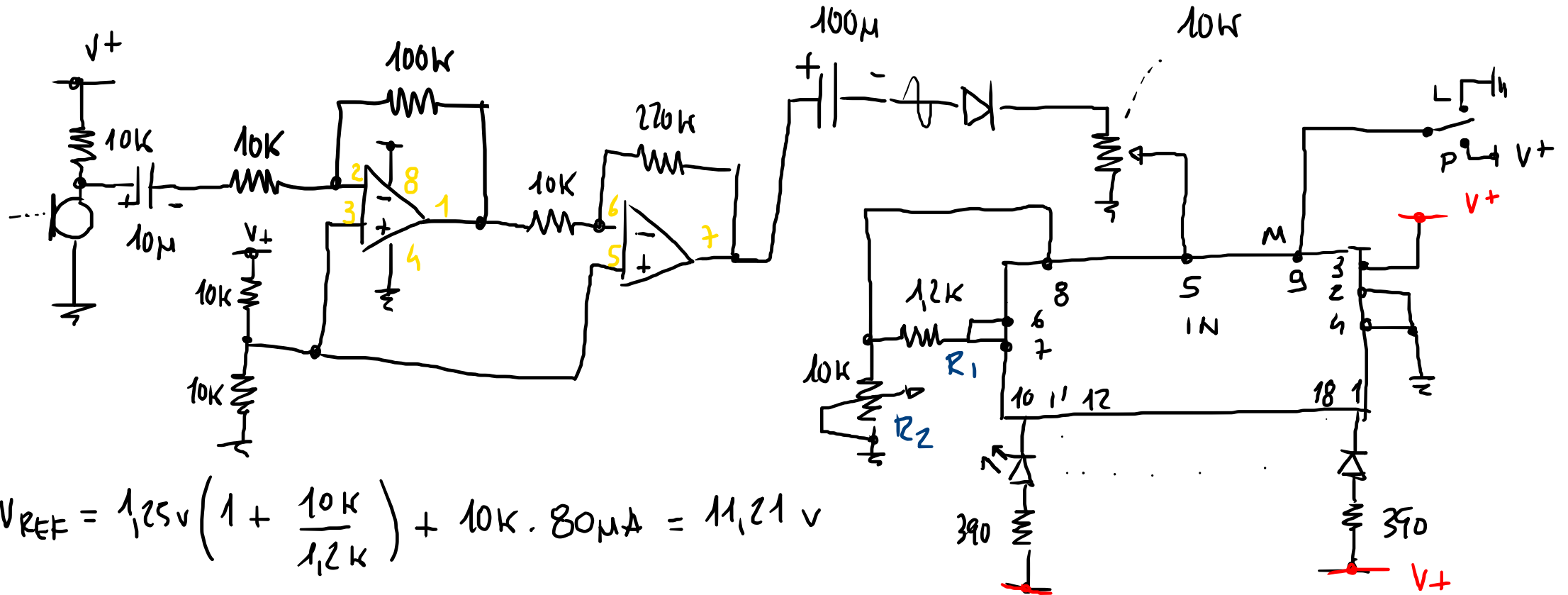
£ 267

LM3915 Log.

1h Lin

16 vu

LM358



$$V_{REF} = 1,25 \text{ V} \left(1 + \frac{10 \text{ K}}{1,2 \text{ K}} \right) + 10 \text{ K} \cdot 80 \mu\text{A} = 11,21 \text{ V}$$

$$I_{\text{USB}} = \frac{V_{CC}}{R_1} + \frac{V_{\text{Ref}}}{2,2\text{K}} = \frac{5,0}{1,2\text{K}} + \frac{11,21}{2,2\text{K}} = 9,25 \text{ mA}$$