Constraints:

Input = 34, 10A

Charging cursew: SA

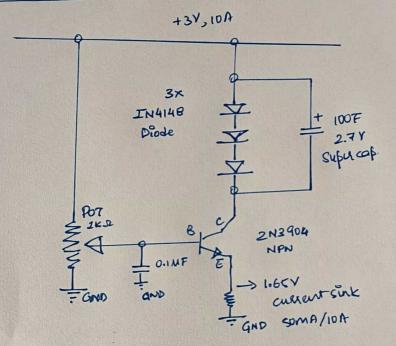
Supercapacitos: 100F, 2,7 V

Calculations:

Frugy stored:

$$E = \left(\frac{1}{2}\right) (100) \times (2.7)$$

-> CIRCUIT DIAGRAM! (Supercapitates charging arcult)



> Expected Wargerm!

$$I = C \left(\frac{dv}{dt} \right) \left(\frac{I = 80 \text{ mb}}{c = 100 \text{ F}} \right)$$

$$\Rightarrow dt = \frac{c \times dv}{(a.05)}$$

$$= 4900 \text{ Mc}$$

$$= 82 \text{ mBa}$$