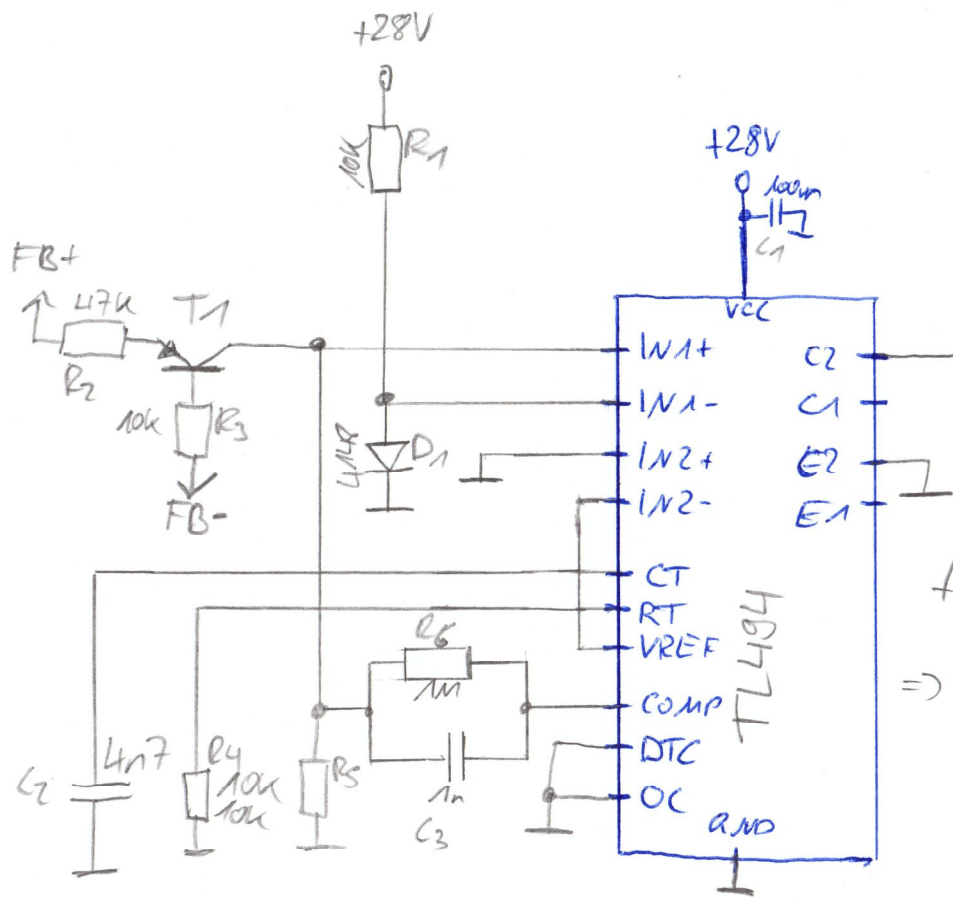




$$f_{osc} = \frac{1}{R_T \cdot C_T} = 23 \text{ kHz} ; R_T = 10 \text{ k}$$

$$\Rightarrow C_T = \frac{1}{f_{osc} \cdot R_T} = \frac{1}{23 \cdot 10^3 \frac{1}{s} \cdot 10 \cdot 10^3 \Omega} = 4,35 \text{ nF} \Rightarrow 4,7 \text{ nF}$$

Vorregler mit fester Frequenz
28.05.16