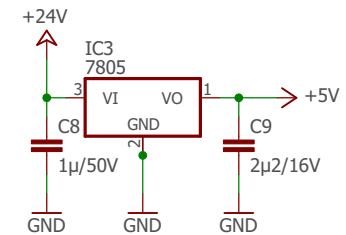
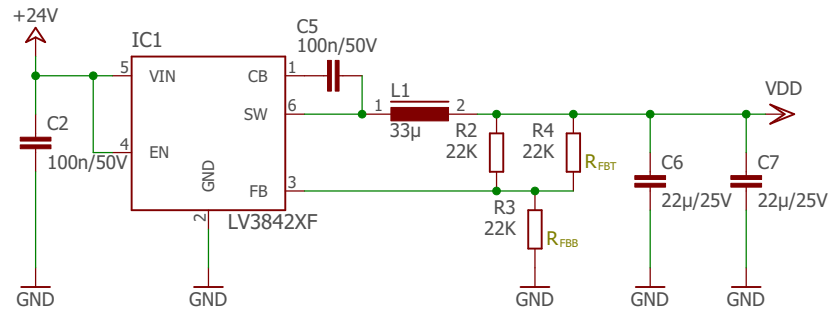


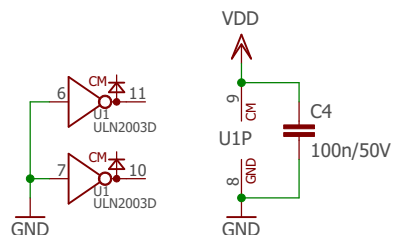
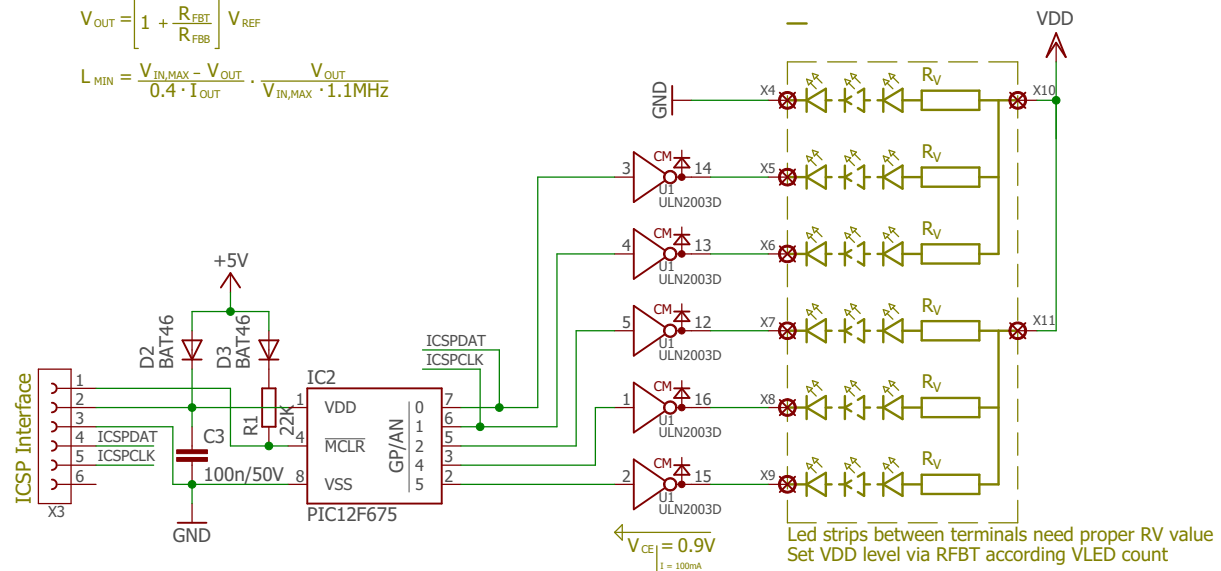
VDD	R _{FRT}	R2	R4	L1
5V	88k	120k	330k	22u
6V5	120k	120k	—	22u
16V	330k	—	330k	33u



$$R_{FBT} = \left[\frac{V_{OUT} - V_{REF}}{V_{REF}} \right] R_{FBB} \quad V_{REF} = 1.0V$$

$$V_{OUT} = \left[1 + \frac{R_{FBT}}{R_{FBB}} \right] V_{REF}$$

$$L_{MIN} = \frac{V_{IN,MAX} - V_{OUT}}{0.4 \cdot I_{OUT}} \cdot \frac{V_{OUT}}{V_{IN,MAX} \cdot 1.1MHz}$$



<http://www.sprut.de/electronic/pic/icsp/icsp.htm>
<https://www.ti.com/lit/ds/symlink/lv3842.pdf>

TITLE: LightControl5C

Document Number:

REV:

Date: 11.12.2024 21:40

Sheet: 1/1