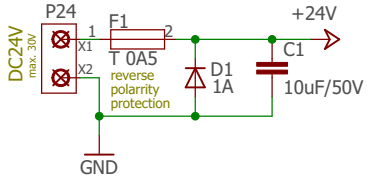
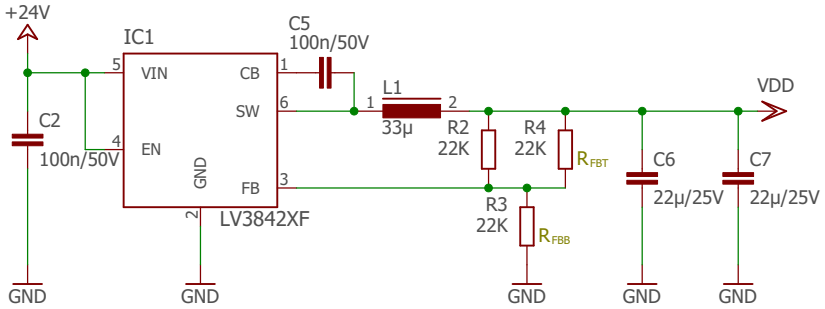
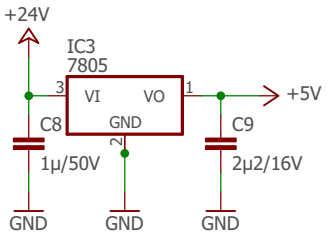




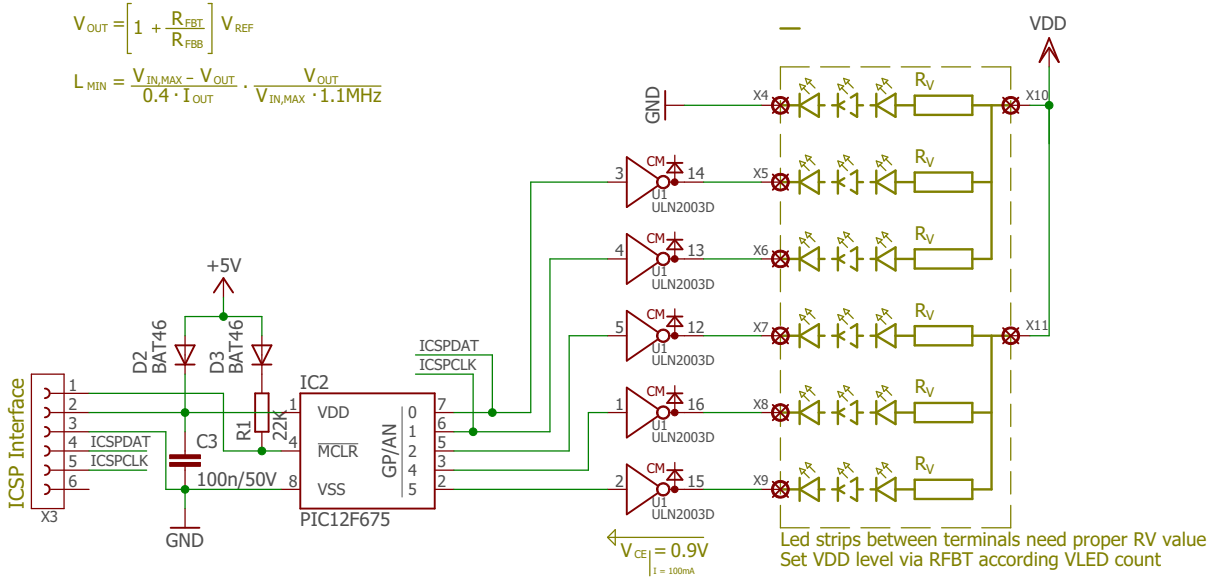


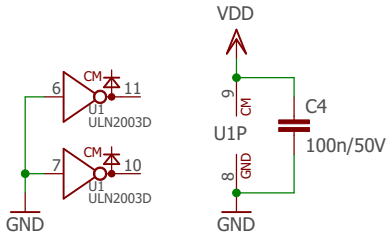
VDD	R_{FBT}	R2	R4	L1	Remark
5V	88k	120k	330k	22u	
6V5	120k	120k	–	22u	
8V2	158k4	220k	560k	22u	Vmax L1 22u
16V	330k	–	330k	33u	

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

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

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





http://www.sprut.de/electronic/pic/icsp/icsp.htm
https://www.ti.com/lit/ds/symlink/lv3842.pdf
https://github.com/akaeba/LightControl5C

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