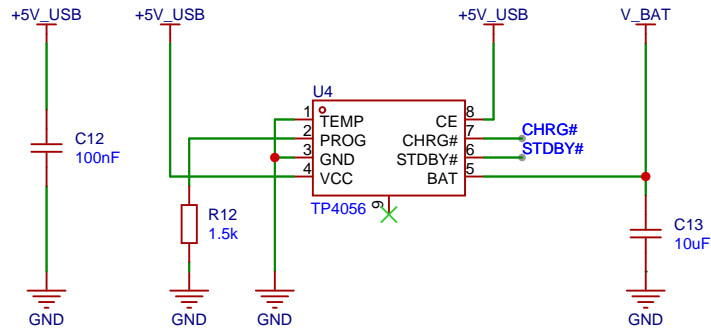
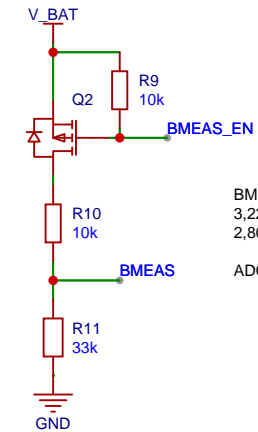
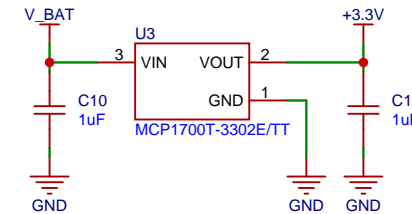


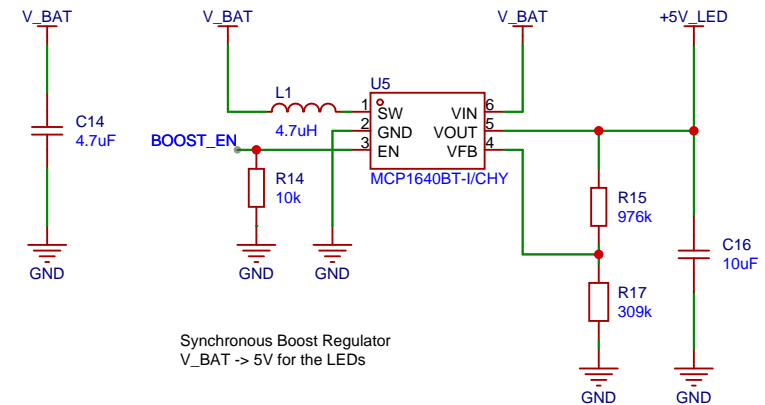
Rprog Current Setting from datasheet
<https://dlnmh9ip6v2uc.cloudfront.net/datasheets/Prototyping/TP4056.pdf> page 3:
 1.5kOhm... 780mA charging current




VBat 3,65V



BMEAS:
3,223V @ VBat: 4.2V = 3996d
2,801V @ VBat: 3.65V = 3473d
ADC U_LSB: 3,22mV

[illegible]

Synchronous Boost Regulator
V_BAT -> 5V for the LEDs

Schematic	Board			Create at	2025-09-29
				Update at	2025-12-05
Board	Main Board			Page	Supply
Drawn		Fahrradlicht			
Reviewed					
		Version	Size	Page 2 Total 2	
		V1.0	A4	EasyEDA.com	