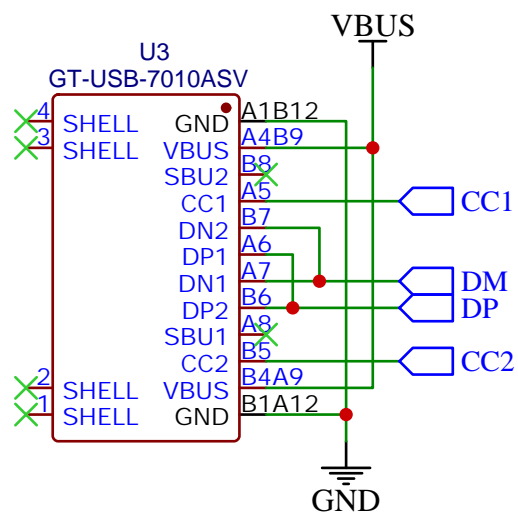
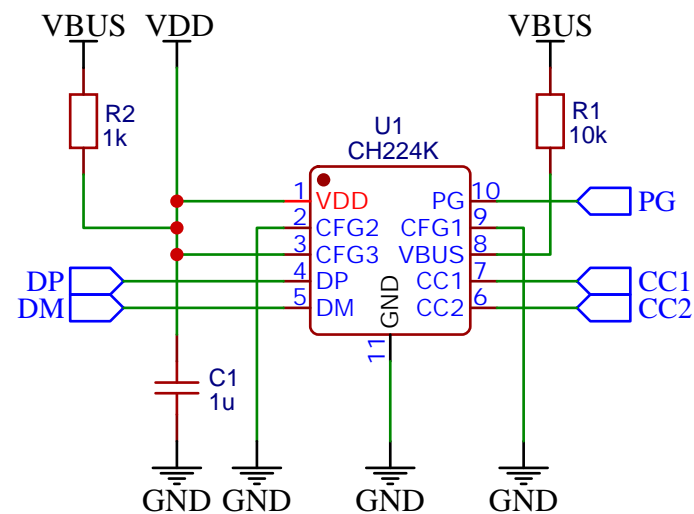


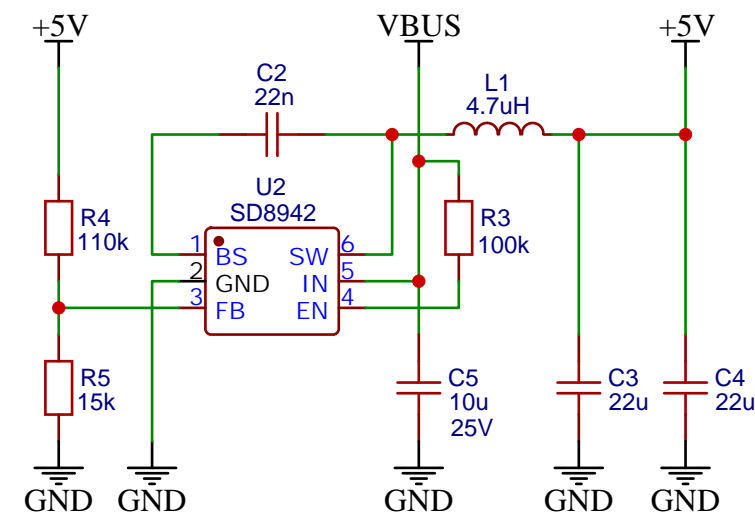
## USB-C Connector



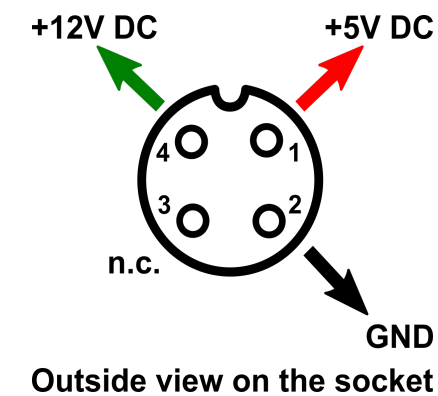
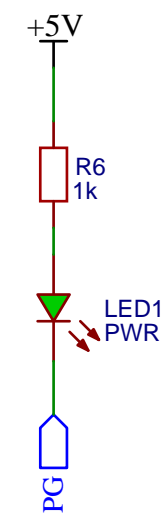
## USB Power Delivery



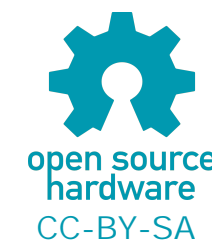
## 5V Synchronous Buck Converter



## Power LED



USB-C Connector must be rated for at least 1A  
SD8942 can be replaced by MT2492  
Output voltage:  $V = 0.6 * (R4 / R5 + 1)$   
L1: 4.7 - 22  $\mu$ H, 1.5A, 15m



TITLE: USB-C to 1541-II Power Adapter		REV: 1.0
EasyEDA	Company: wagiminator	Sheet: 1/1
	Date: 2022-05-31	Drawn By: Stefan Wagner