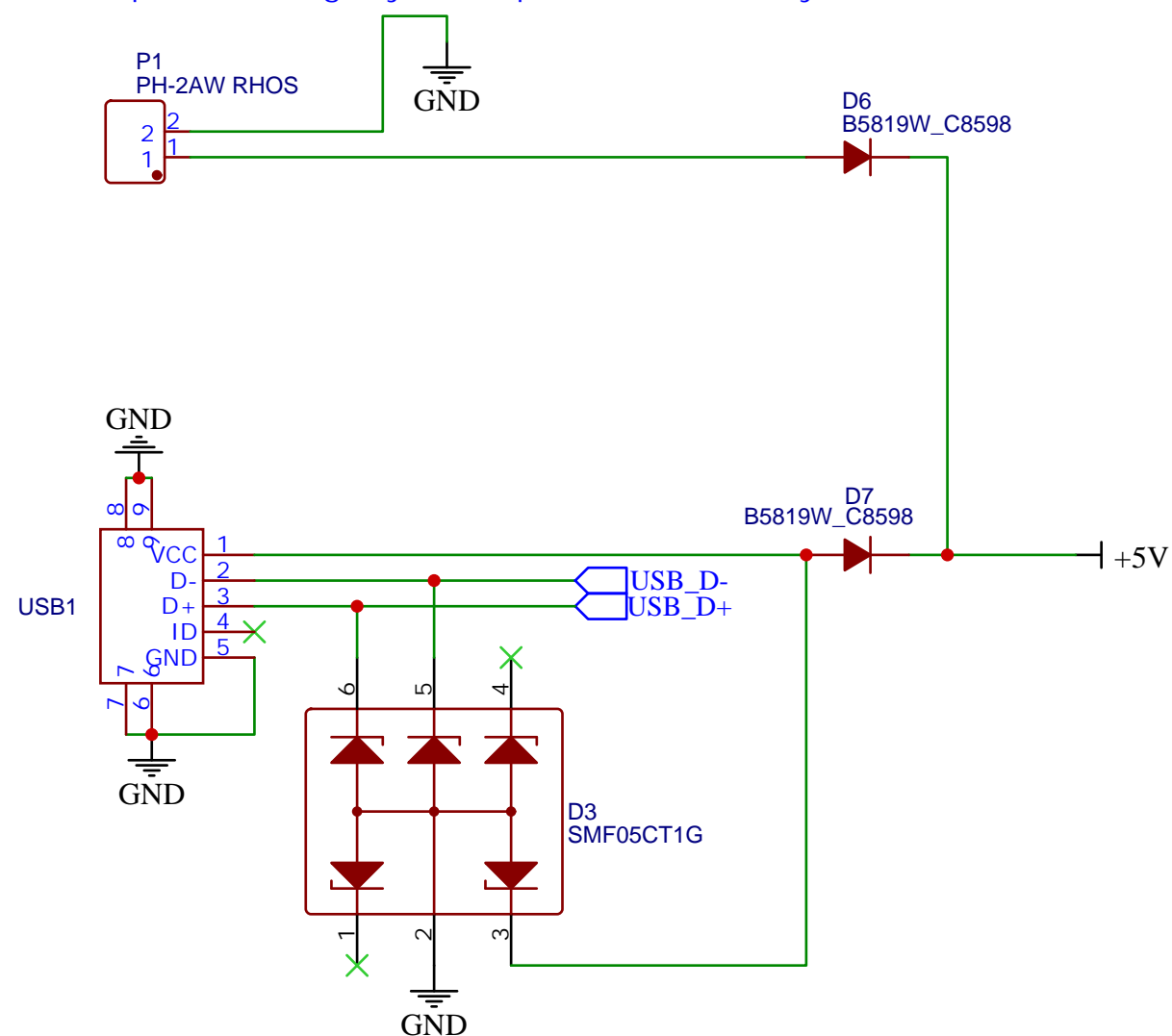


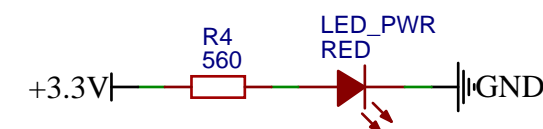
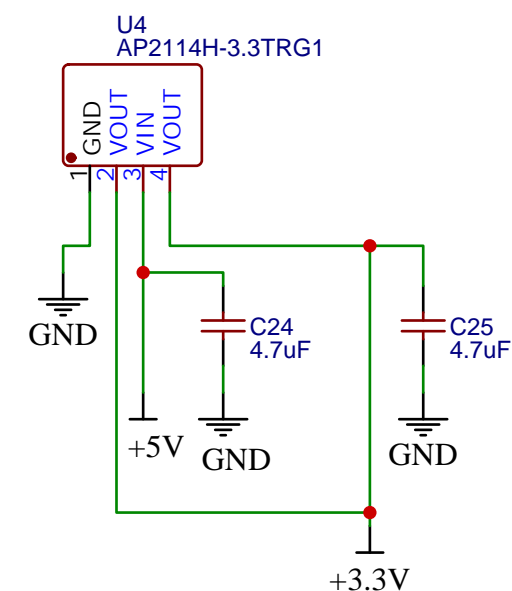
TITLE: MCU		REV: 1.0
EasyEDA	Company: Northsec	Sheet: 1/1
	Date: 2020-11-14	Drawn By:

Lipo Input
<https://www.digikey.ca/en/products/detail/keystone-electronics/2479/303824>

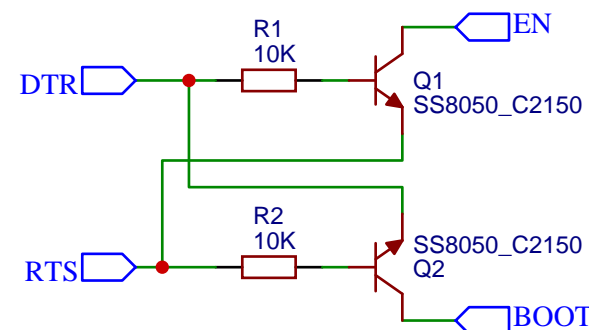
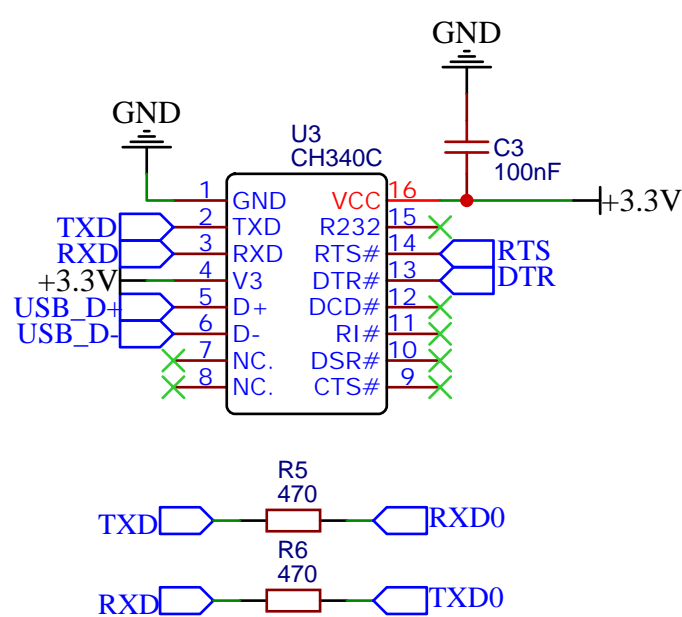


USB Connector with ESD protection and reverse voltage protection diode

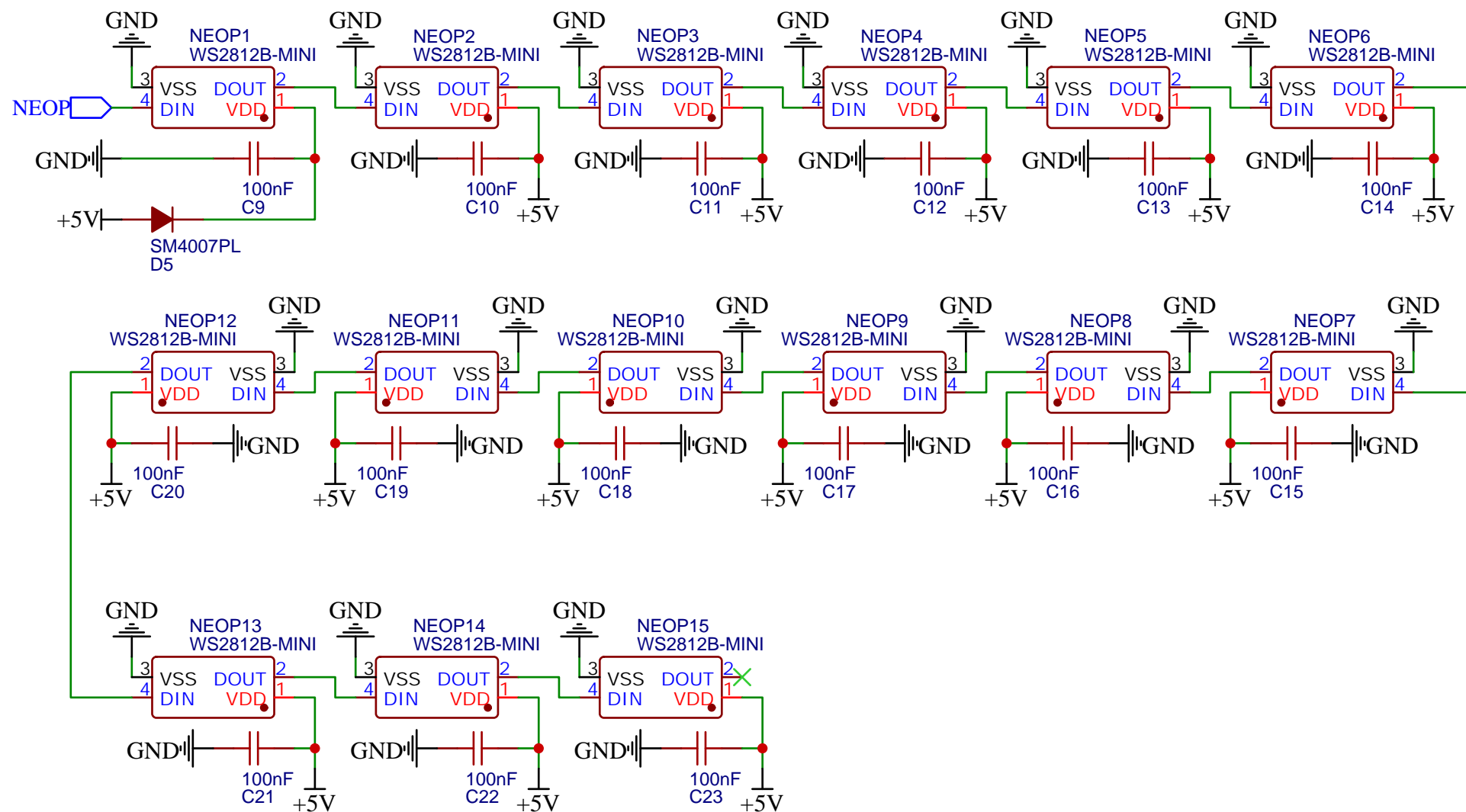
5V to 3.3V regulator external power or USB
 0.45V to 0.75V drop




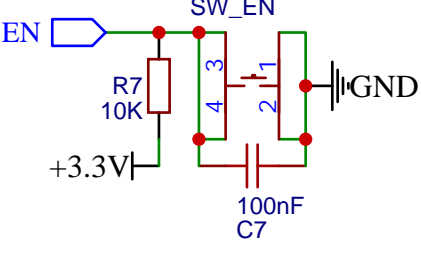
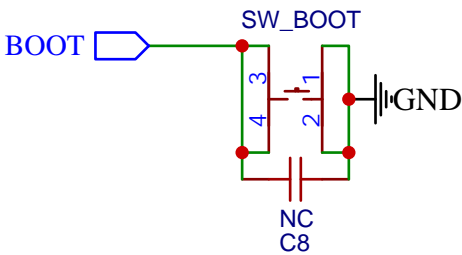
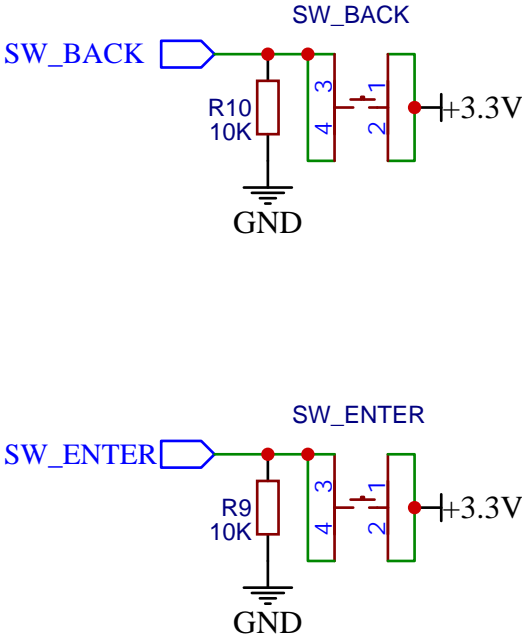
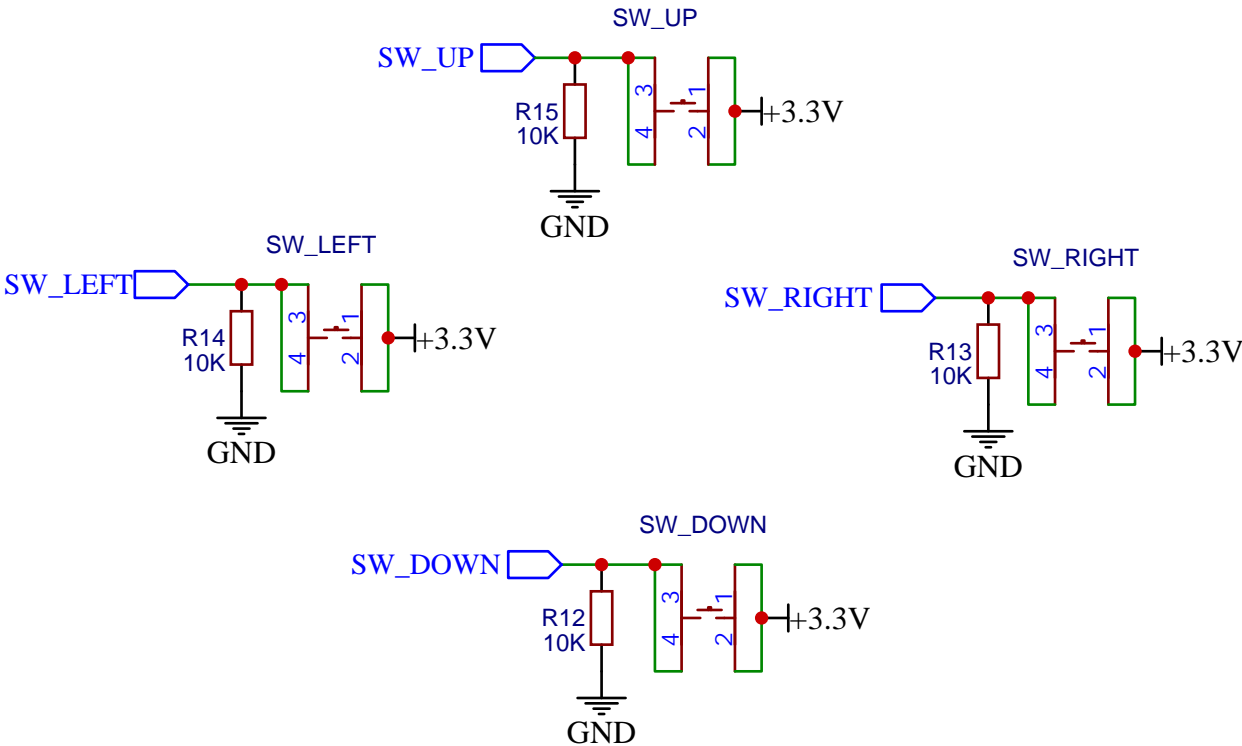
USB to UART



Auto Program			
DTR	RTS	->	EN BOOT
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0



TITLE: NeoPixel		REV: 1.0
	Company: Northsec	Sheet: 1/1
	Date: 2020-11-14 Drawn By:	



BOOT: Is internally pulled-up
HIGH: RUN , LOW: FLASH

EN: Requires a pull-up
HIGH: ON , LOW: OFF

TITLE: Switches		REV: 1.0
EasyEDA	Company: Northsec	Sheet: 1/1
	Date: 2020-11-14	Drawn By: