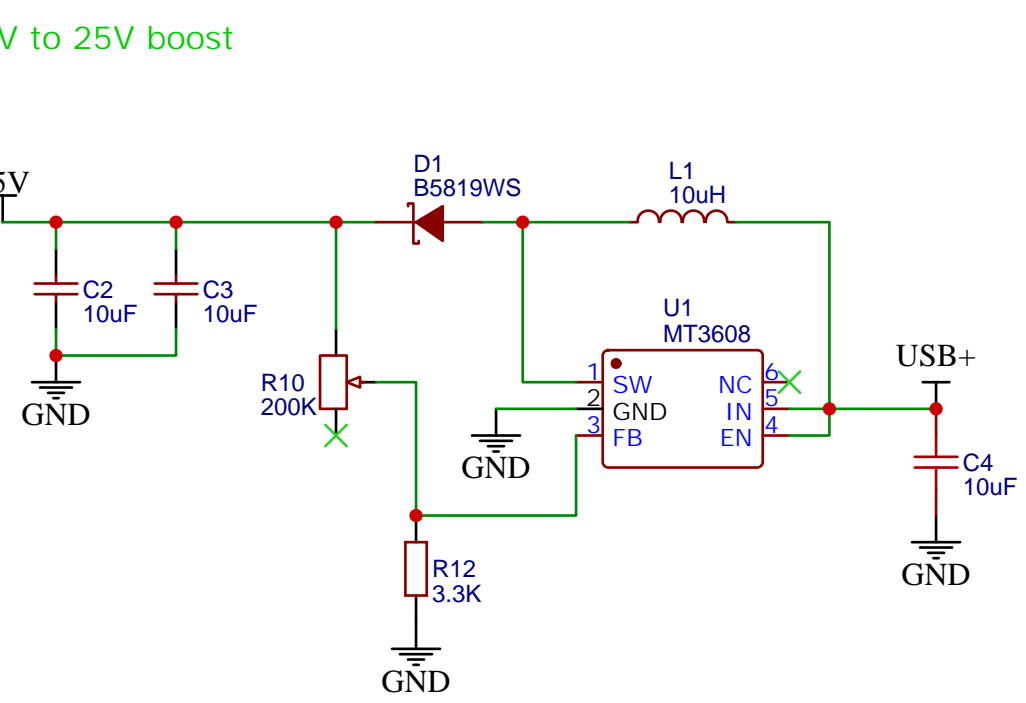
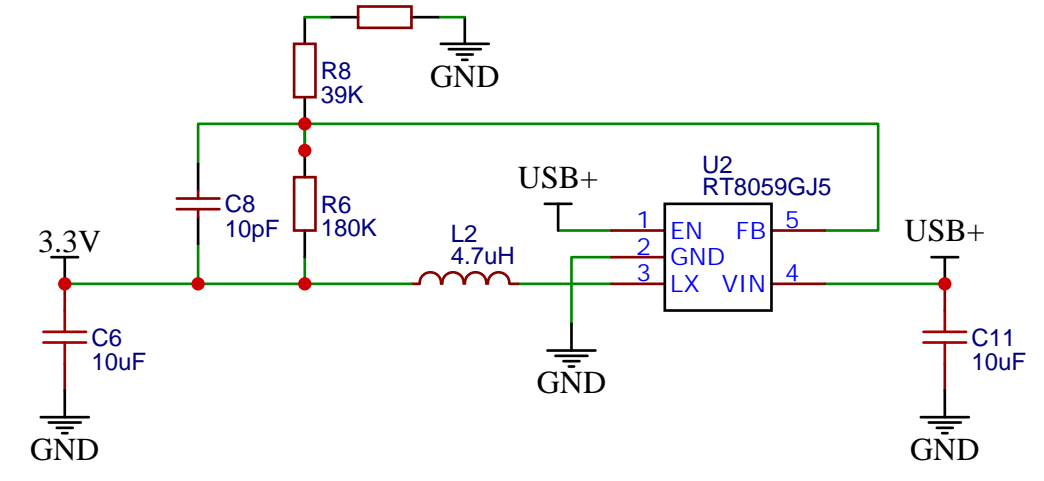


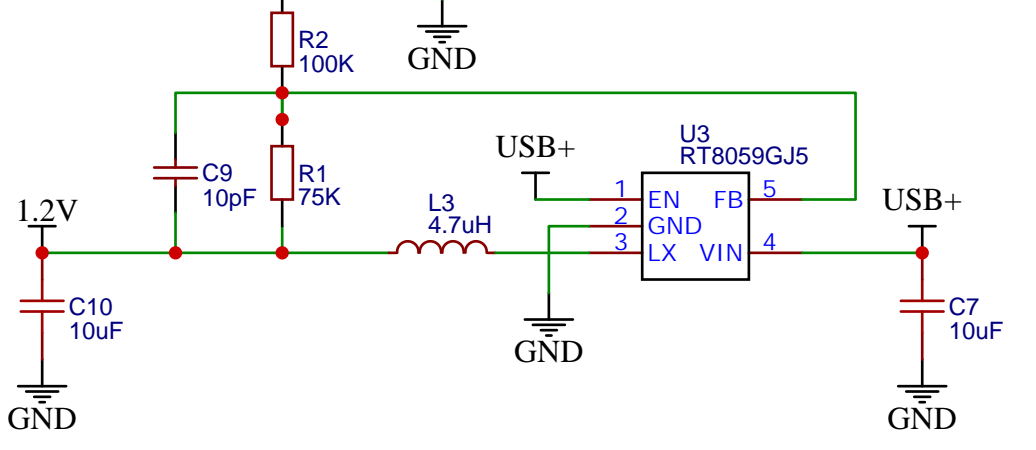
Powered from 3.3V for lower brightness + no level shifter required. Out of spec but tested on several different chips
Depending on exact chip used, you will have to adjust colors in the sketch
WS2812B are almost too bright. WS2812C (Icsc C114587) recommended for lower max brightness.



v1.1 note: Don't set the voltage above 23V to prevent overheating
21V should work fine but feel free to adjust to have reasonable brightness
It is easy to fry the MT3608 (I did) while adjusting it so go nice and slow. Good to have some spares just in case.



C207842 should also fit for 10uH, C280924 for 4.7uH



80K R2 + 100K R1 can be used to set voltage to 0.9V
0.9V = dimmer numbers but lowest current hand best lifetime
V = middleground, good brightness, reasonable current consumption
.2V = very bright, high current, MT3608 overheats