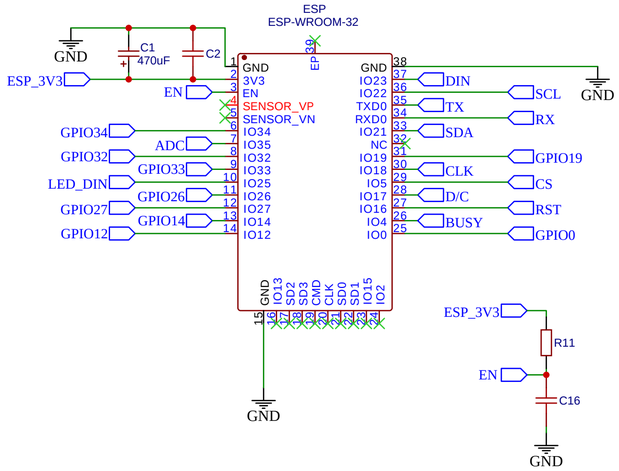
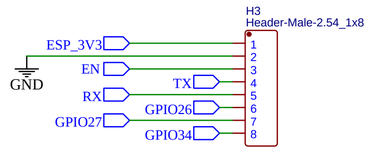
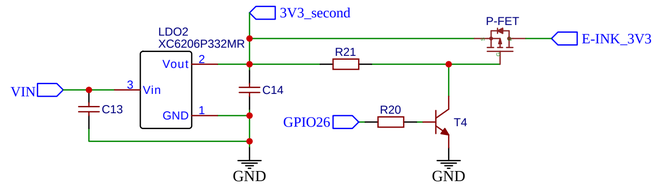
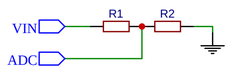




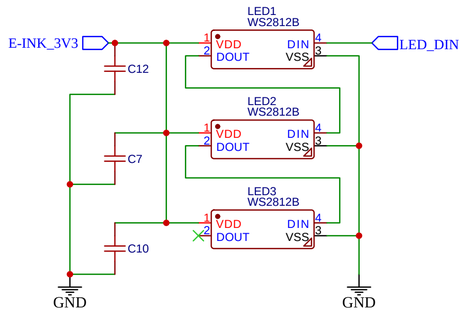
E-INK power toggle



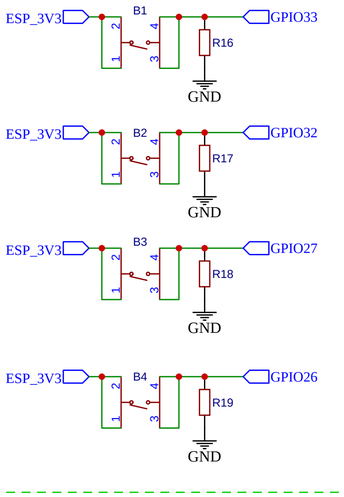
Voltage measurement



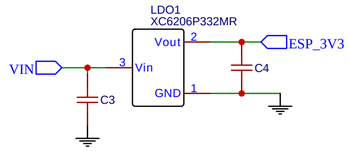
WS2812B



Buttons

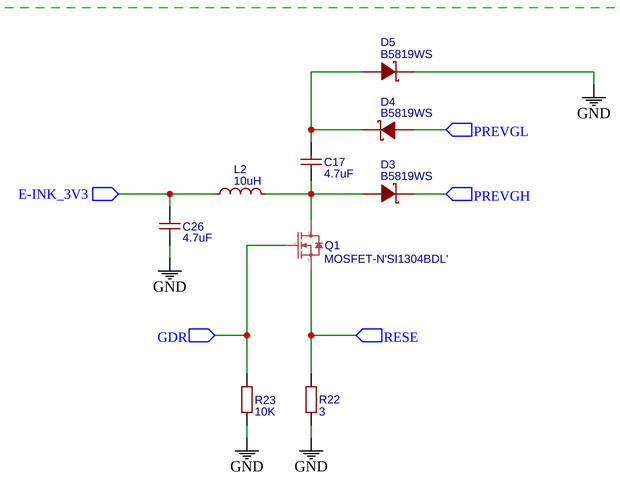


3.3V LDO

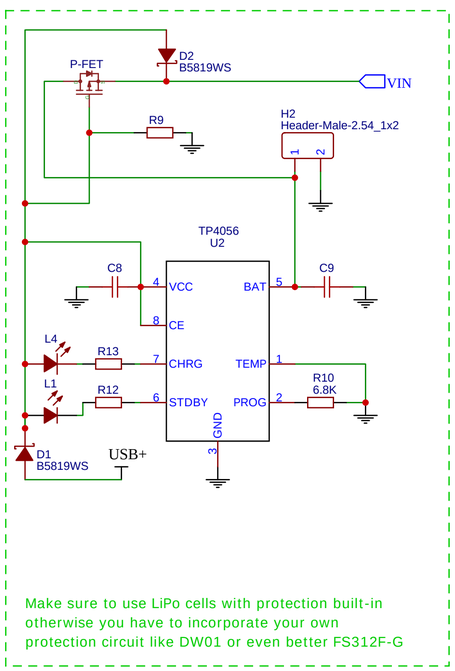


3.0V or even 2.8V version can be used for more efficiency
This will further decrease power consumption

E-INK

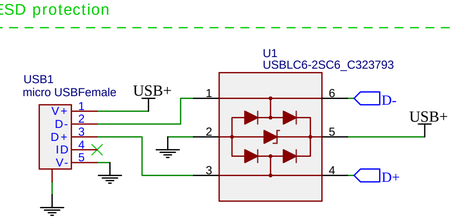


CHARGING

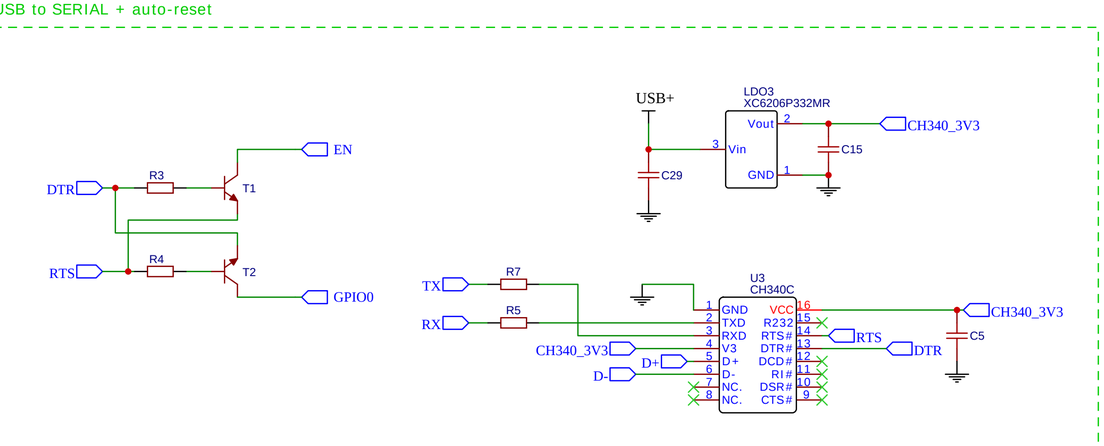


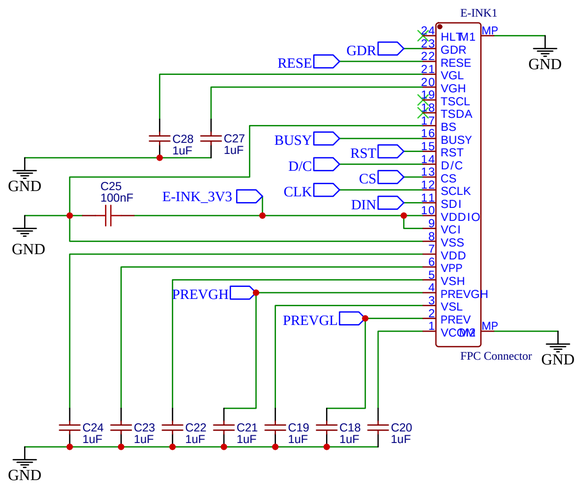
Make sure to use LiPo cells with protection built-in
otherwise you have to incorporate your own
protection circuit like DW01 or even better FS312F-G

ESD protection



USB to SERIAL + auto-reset





TITLE: Inkroller-ESP32		REV: 1.2
EasyEDA	Company:	Sheet: 1/1
	Date: 2020-03-02 Drawn By: NiceThings	