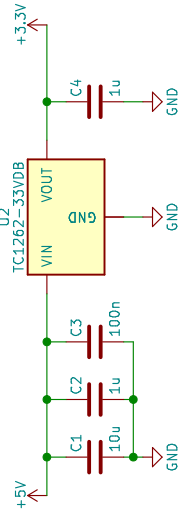
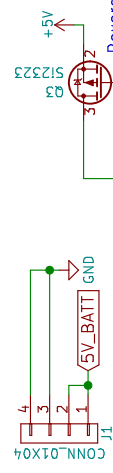


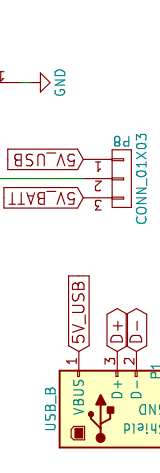
Brings up to 500mA output.  
Optionally this IC can be substituted by the TS2940, which can provide up to 1A.



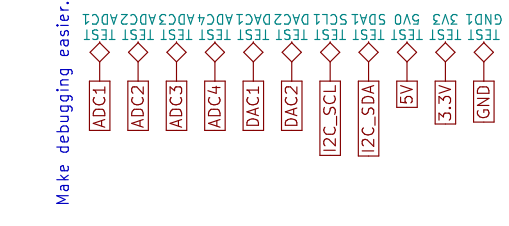
Place decoupling capacitors close to component.



Reverse polarization protection.

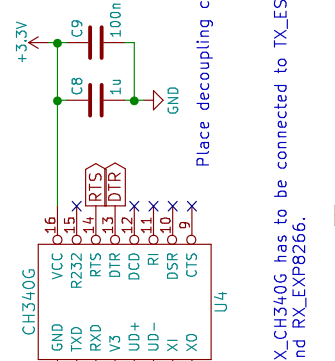


Choosable power source.



Make debugging easier.

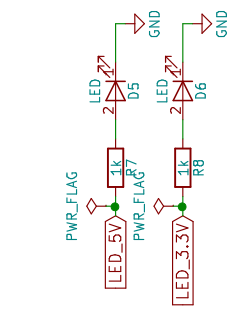
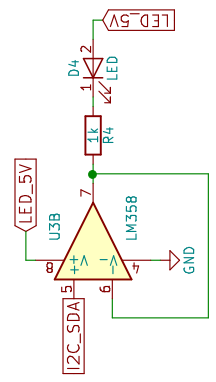
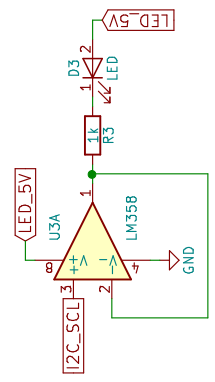
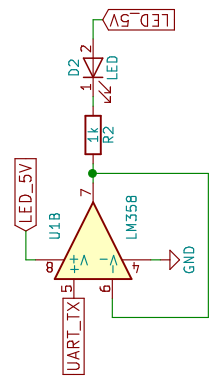
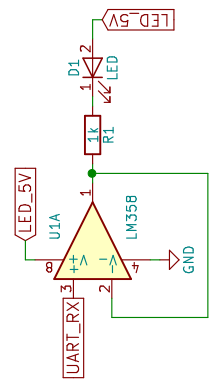
Auto program circuit, which is needed by the esp8266 to program via USB.



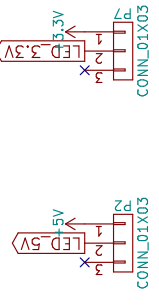
Place decoupling capacitors close to component.

ATTENTION: RX\_CH340G has to be connected to TX\_ESP8266. The same goes for TX\_CH340G and RX\_EXP8266.

Starts blinking when transmission is ongoing, else const. on.



Place decoupling capacitors close to component.



Jumper enables possibility to turn off all LEDs.

UppSense 2017

Sheet: /

File: backplane.sch

Title: Backplane

Size: A4 Date: 2017-07-04

KiCad E.D.A. kicad 4.0.6-e0-634952ubuntu17.04.1

Rev: v0.1

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