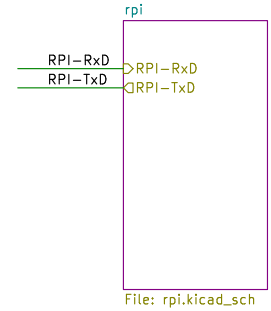
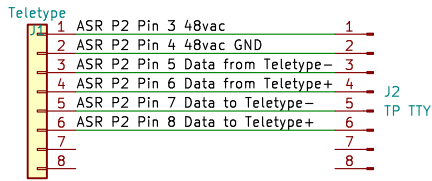
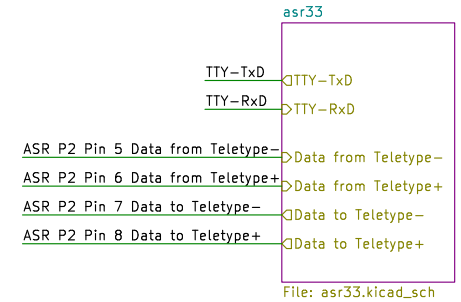
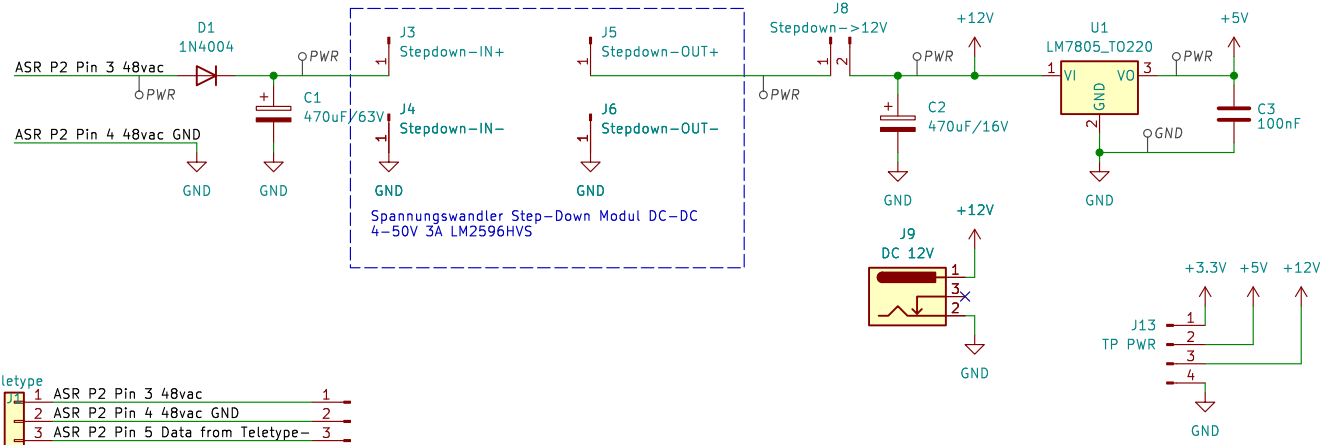
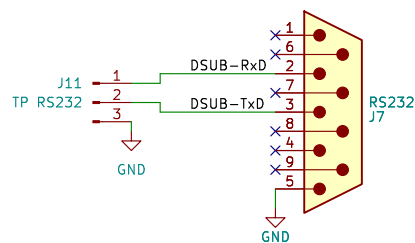
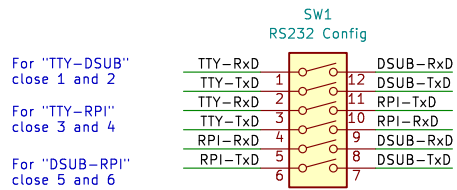


https://deramp.com/tty_adapter.html
<https://endless-sphere.com/sphere/threads/crafting-any-voltage-mod-with-tl783.18171/>

1 Watt @ 140mA
 RPI zero max 230.
 + usb dongles
 => 2-3 Watt -> Cooling!



Close only ONE of these 3 options!



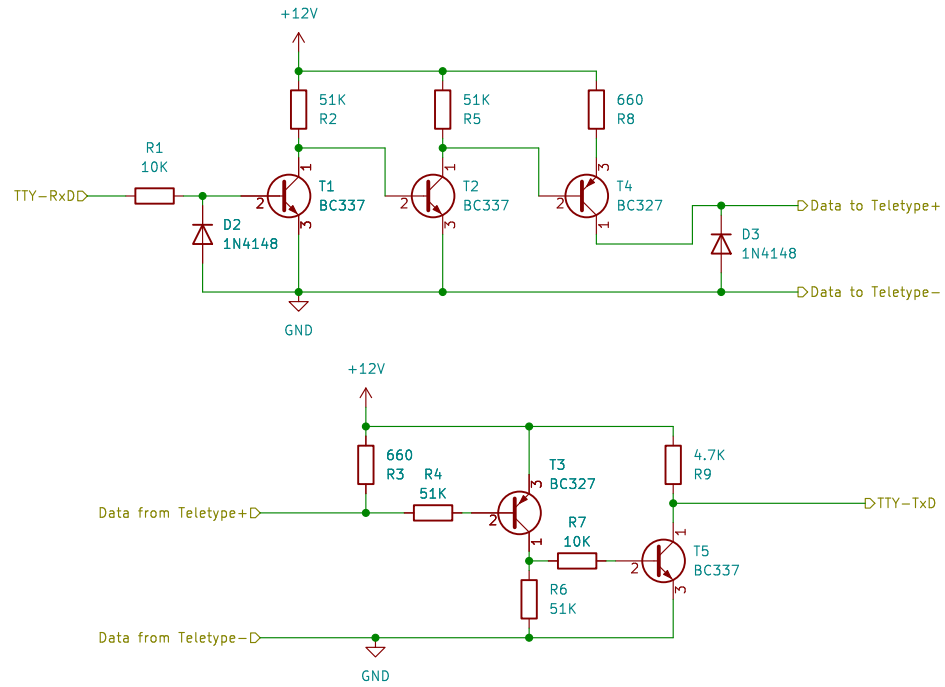
DSUB9 male
 PC-standard
 2 = RxD
 3 = TxD
 needs null modem cable

J8rg Hoppe
 Sheet: /
 File: tty2pi.kicad_sch

Title: TTY2PI

Size: A4	Date: 2024-03-21	Rev:
KiCad E.D.A. kicad 7.0.11		Id: 1/3

Connects to ASR33 on one side
and provides an 12V RS232 interface



Sheet: /asr33/
File: asr33.kicad_sch

Title:

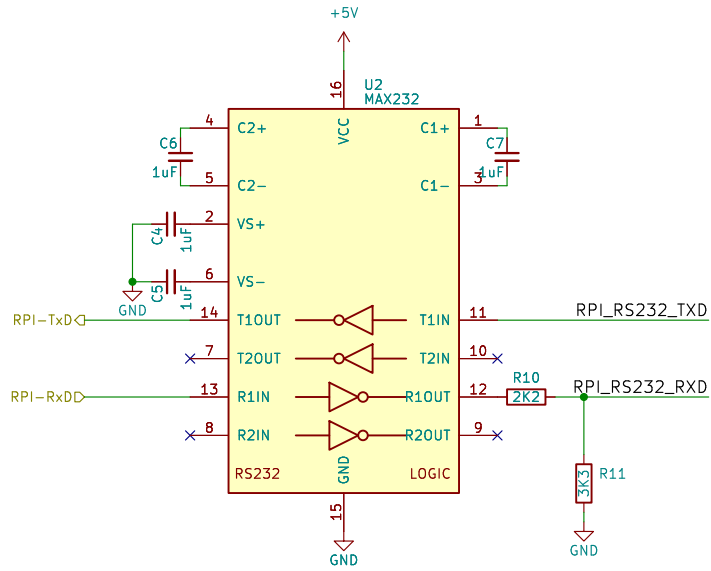
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KiCad E.D.A. kicad 7.0.11

Rev:
Id: 2/3

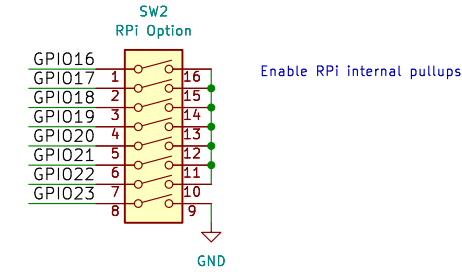
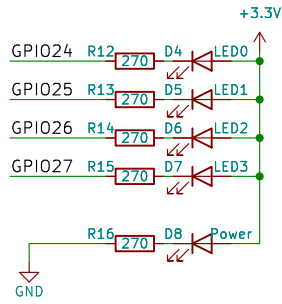
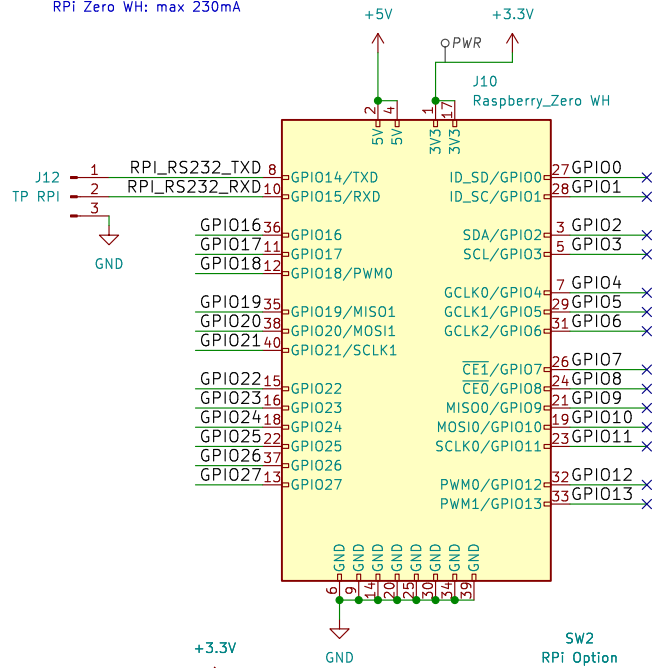
RPI UART with 3.3/GND levels

3.3V produced by RPi

Rpi Zero WH: max 230mA



MAX232 is cheaper, but 5V: divide 5V outputs to 3.3V



Enable RPi internal pullups

Sheet: /rpi/	
File: rpi.kicad_sch	
Title:	
Size: A4	Date:
KiCad E.D.A. kicad 7.0.11	Rev: Id: 3/3