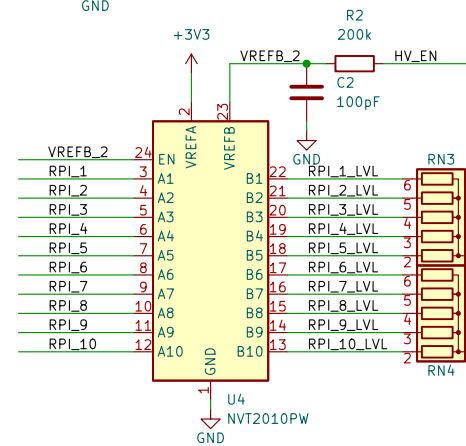
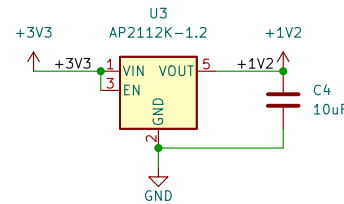
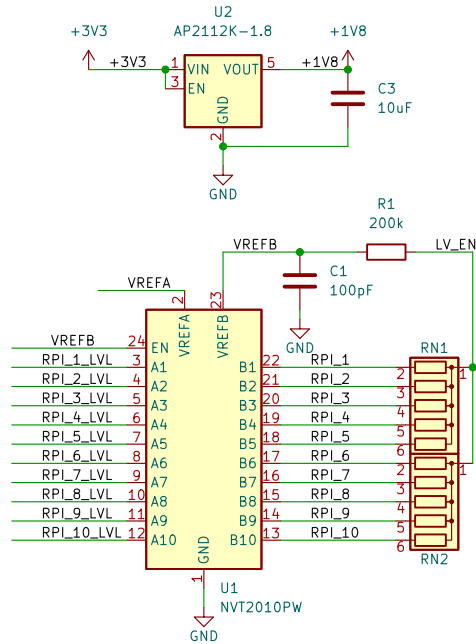
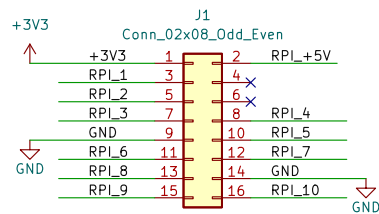
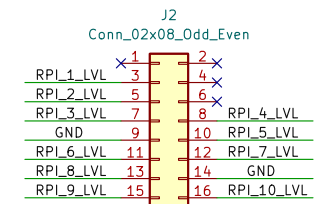


RASPBERRY PI PINS



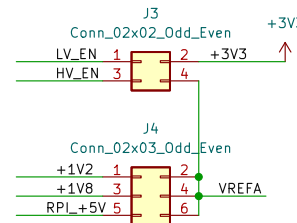
LEVELSHIFTED PINS



VREFA should connect to pin 1, but no space to route it

LV is less than 3.3V
HV is greater than 3.3V

USE 1.2V, 1.8V or
RPI 5V



ONE JUMPER ONLY

ONE JUMPER ONLY

VREFA is strong enough to power the device with the levelshifted pins. Use Jumper wire from pins 2, 4 or 6

U1 is for Levelshifting to lower voltage
U4 is for Levelshifting to higher voltage

VREFA can be driven exteraly when no jumper on J4 (connect to pin 2 or 4 or 6)

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