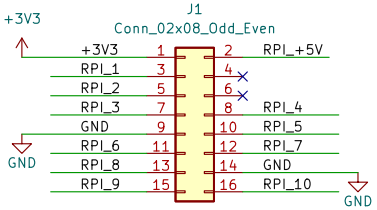
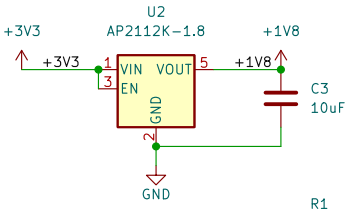
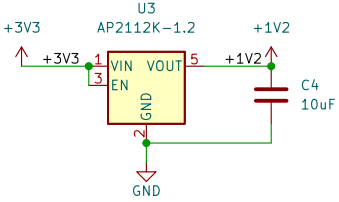
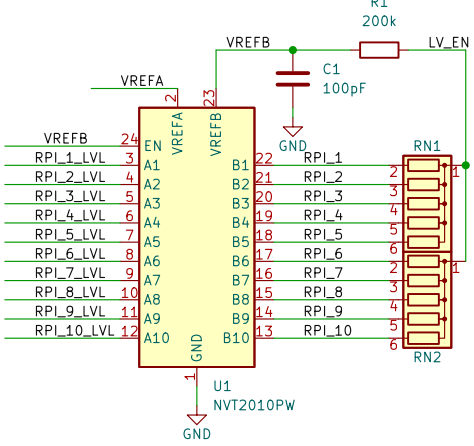
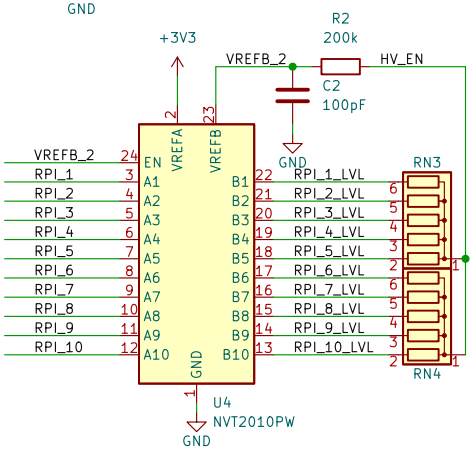
RASPBERRY PI PINS



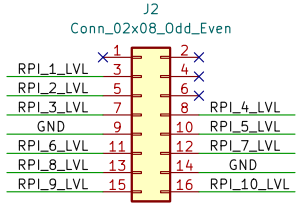






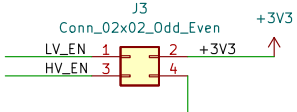


LEVELSHIFTED PINS



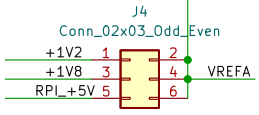
VREFA should
connect to pin 1,
but no space to route it

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



ONE JUMPER ONLY

USE 1.2V, 1.8V or RPI 5V



ONE JUMPER ONLY

VREFA is strong enough
to power the slave device.
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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