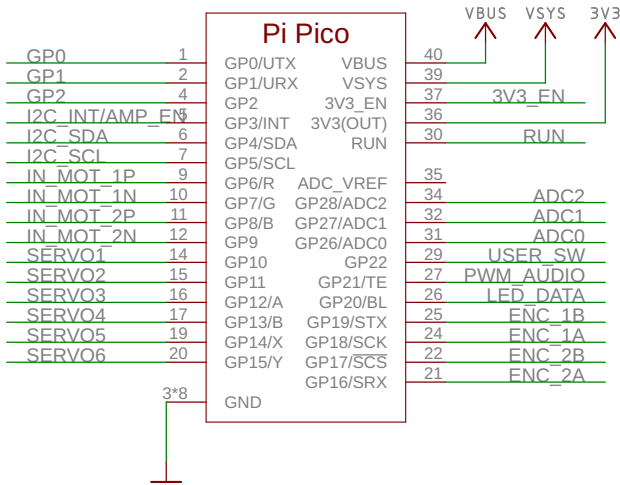
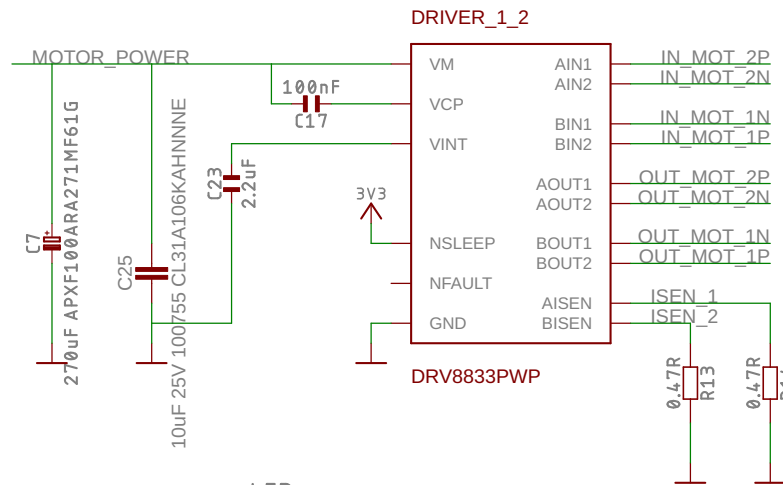


Inventor 2040 W (PIM633)

Raspberry Pi Pico



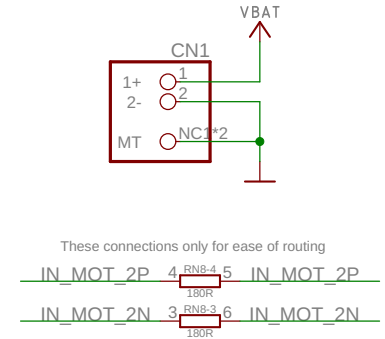
Dual motor driver, channels 1 and 2



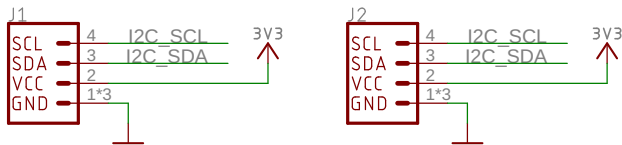
Current = 200mV/resistance
0.47ohm resistor -> 0.425A current
Resistor power: 0.425*0.2V = 0.085W

Battery connector

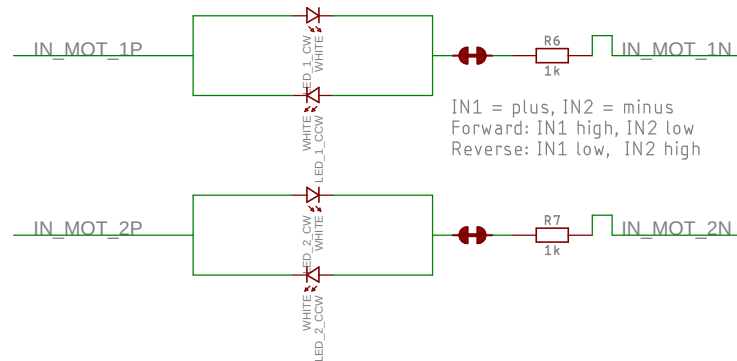
Suitable for any input voltage between 2V and 5.5V - i.e. a protected LiPo cell or 2/3xAAA battery holder.



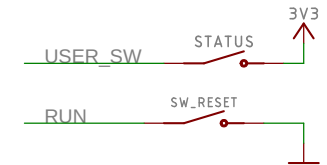
Qw/st connector



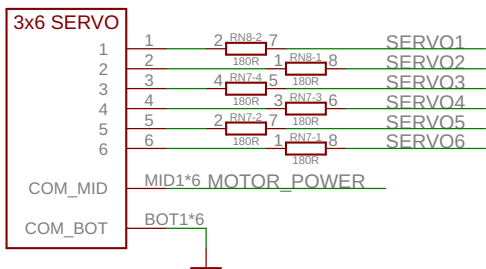
LEDs



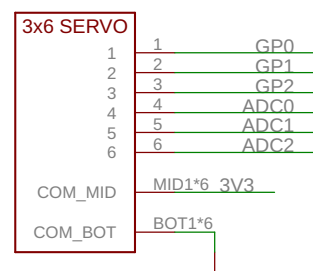
Buttons



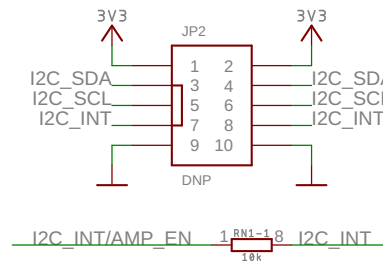
Servos/LED outputs



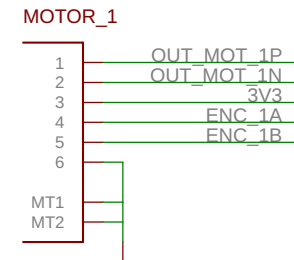
GPIO/ADC



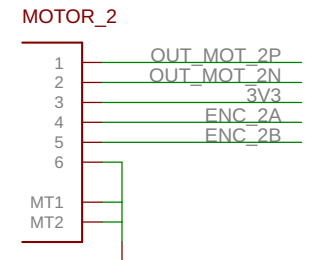
BG I2C header



Motor+encoder connector, 1

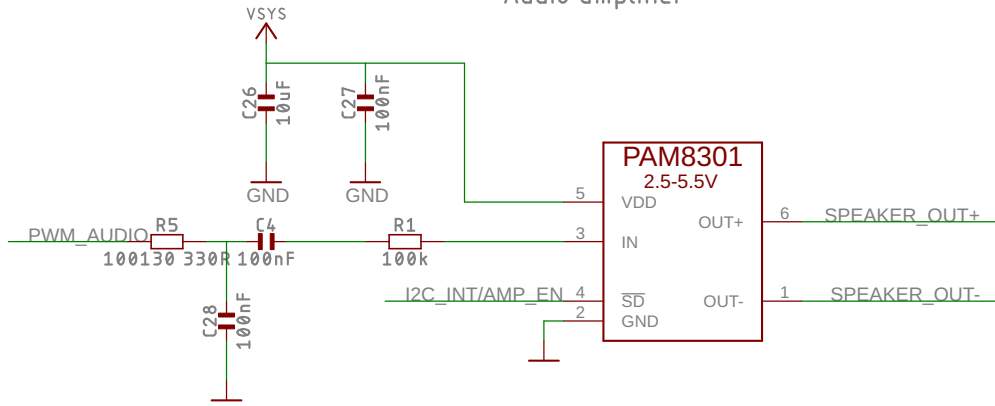


Motor+encoder connector, 2

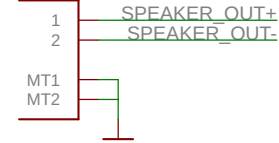


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Audio amplifier

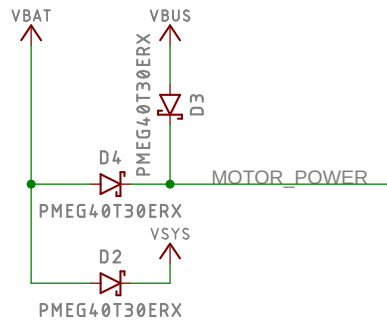


SPEAKER

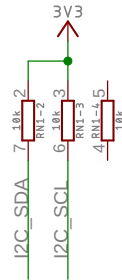


Power selection

VBUS: max 5.5V
VBAT: 2.5-5.5V



I2C pullup resistors



RGB LEDs

