

SPI Isolation (ADC<=>RPI)

Power Isolation (RPI<=>Target+ADC)

GPIO Isolation (RPI<=>Target)

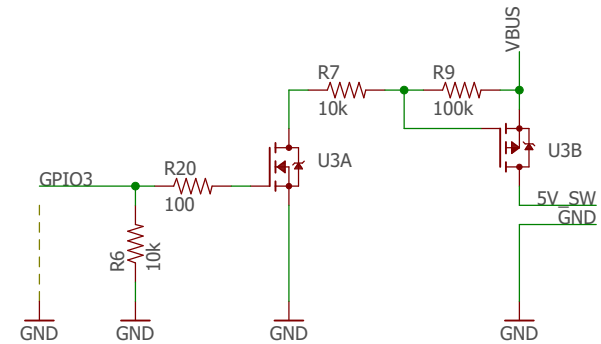
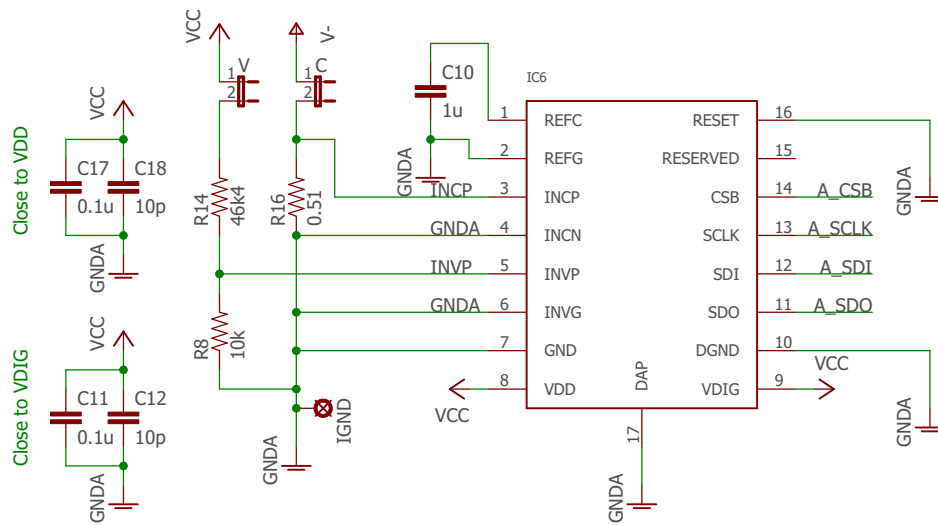
USB Isolation (RPI<=>Target)

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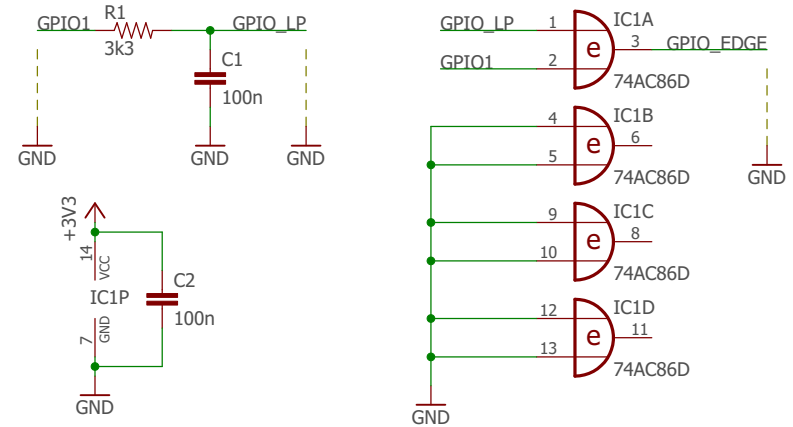
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ADC (Use R14+R8 for voltage and R16 for current range and resolution)



USB Power Switch (GPIO on turns on power)

Edge Detector (Use C1 and R1 for timing)

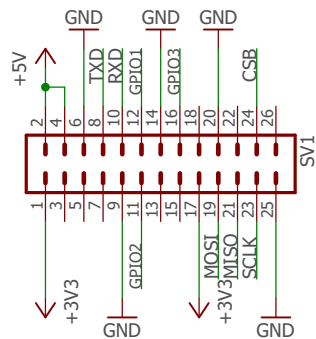


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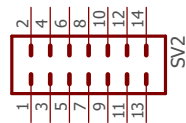
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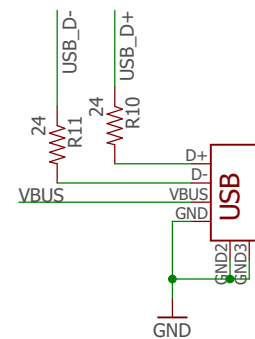
RPI 26 Pin Connector



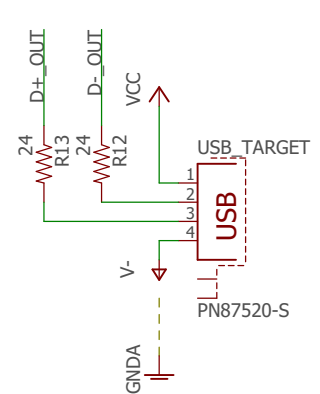
Remaining Pins for 40 Pin Variants



USB Input



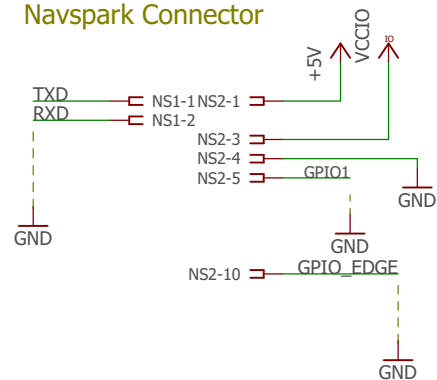
USB Output



Target Connector



Navspark Connector



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