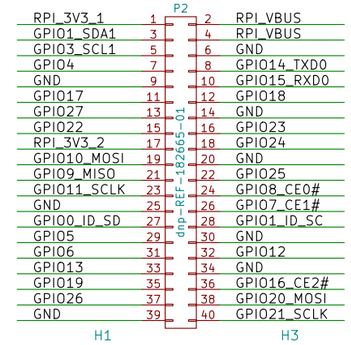
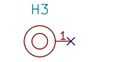
Raspberry Pi Header

TH Female Bottom or SMT Female Top Header
SMT: Toby Electronics REF-182665-01/REF-182665-03
TH: Digikey 1528-1385-ND
Pin #s Match RPi. nostuff



H1


hole-metalized-no4

H3


hole-metalized-no4

H2

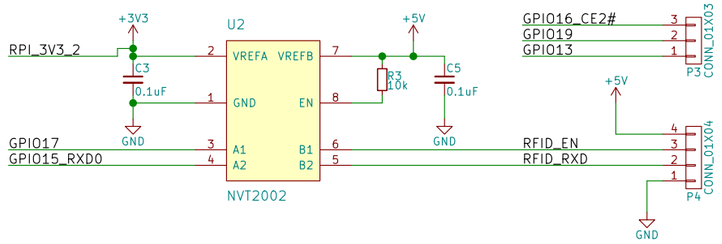

hole-metalized-no4

H4


hole-metalized-no4

Level Shifting

RFID reader requires 5V supply/logic.

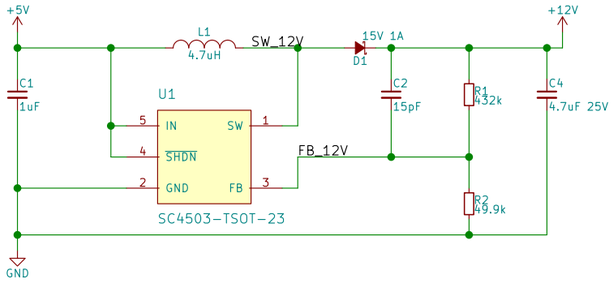


Switches/GPIO

Configure for ground/input with pull-up.

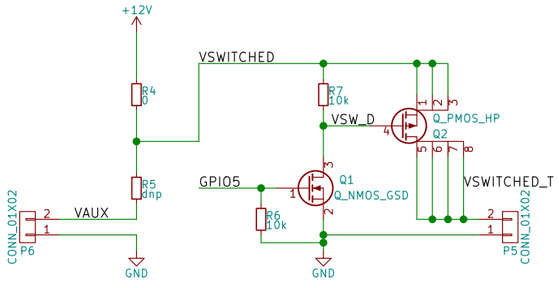
12V Boost

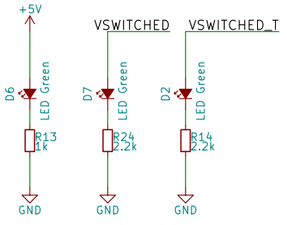
12V/500mA from 5V source for high voltage IO.
Should not be used if 5V buck is also stuffed.



12-24V Control

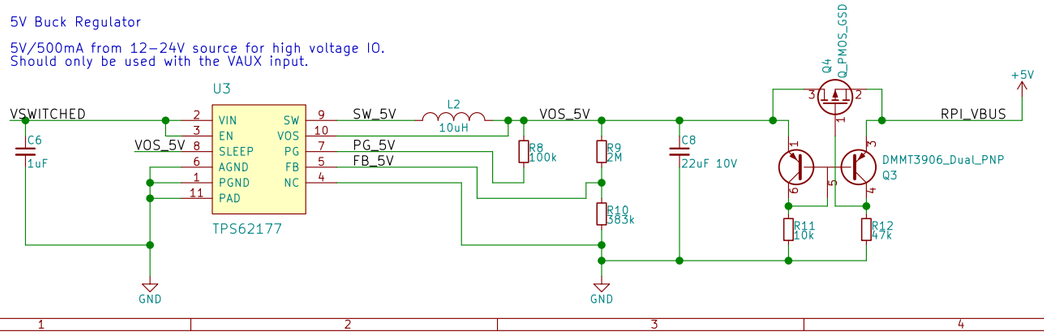
High-power switch for 12-24V/6A.
Can source power from 12V boost or VAUX.





5V Buck Regulator

5V/500mA from 12-24V source for high voltage IO.
Should only be used with the VAUX input.



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Title: AMT Door 3 - RPi Zero IO

Size: A3	Date: 2016-10-16	**Rev: 1.0**
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