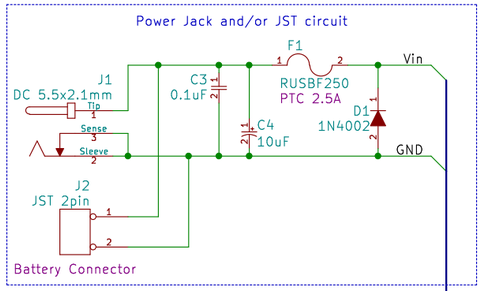

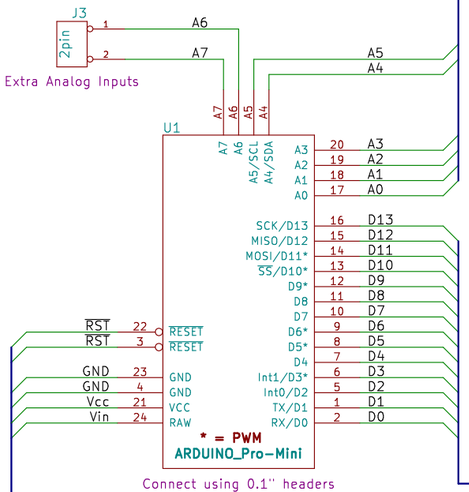

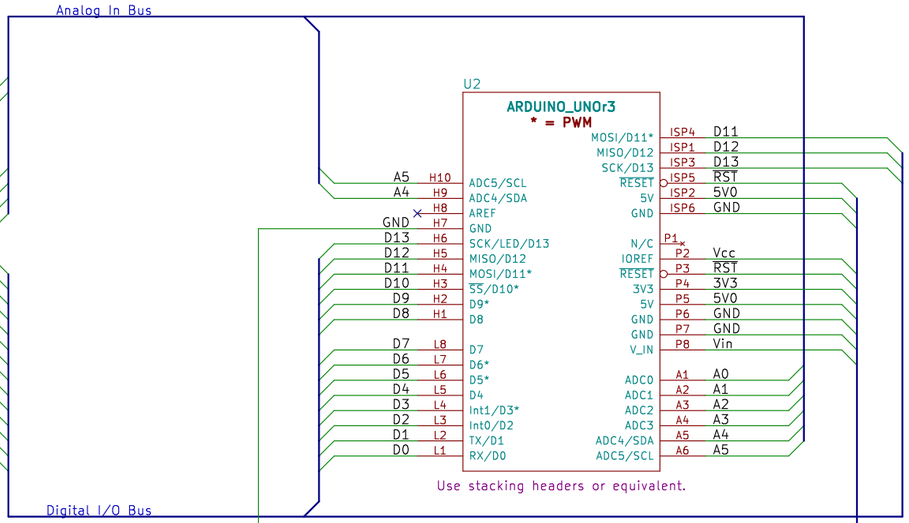

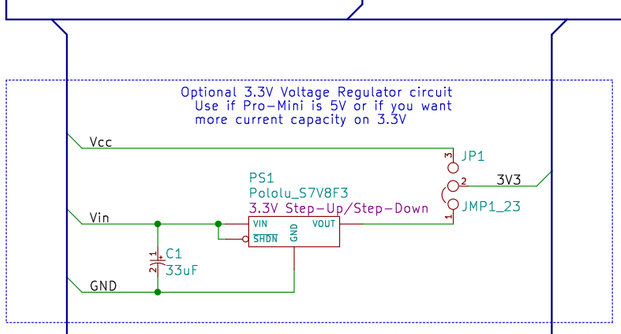

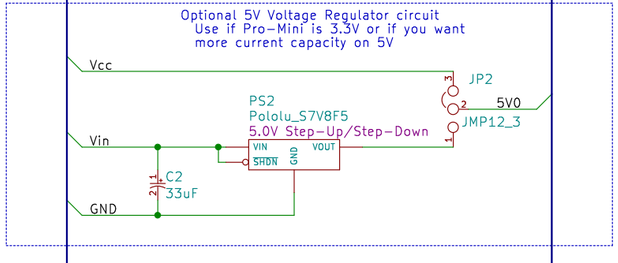

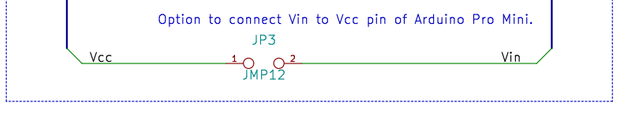

Common usage notes:

* Vin pin on shield connector is only connected to the off-board power connectors (barrel and JST connectors) through the fuse and reverse voltage protection circuit. If you don't use either the barrel or JST connectors then Vin will be disconnected. This is similar to an official UNO where if you use the USB connector for power then the Vin pin isn't connected to anything.
* Vcc pin of Arduino Pro Mini is connected to shield pin Vref. Shields can use this pin to configure for 5V I/O or 3.3V I/O.

Usage notes for 5V Arduino Pro Mini:

* JP1 and JP2 are pre-configured to connect the Vcc pin of Arduino Pro Mini to shield pin 5V.
* To have 3.3V install a regulator at PS1. The design is for a Pololu S7V8F3 3.3V buck/boost regulator, but any regulator that fits the pinout will work. To save money an inexpensive linear regluator like a LD1117V33 should work with some creative leg bending to match the expected pinout. The SHDN pin can be skipped if the device doesn't have one.
* To get more amperage capability (up to 1A) cut the printed short on JP2 between pins 2&3, and short JP2 pins 1&2 with a solder blob. Install

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Title: Arduino Pro-Micro Shield Adapter

Size: B	Date: Saturday, February 28, 2015	**Rev: 0.0.4**
KiCad E.D.A. kicad (2015-06-19 BZR 5795)-product		Id: 1/1

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