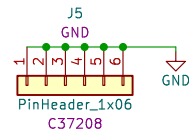
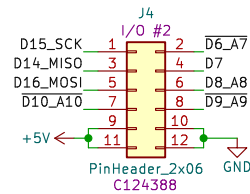
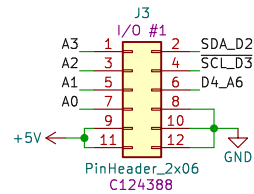
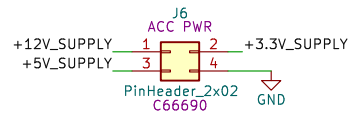


NOTES: (UNLESS OTHERWISE SPECIFIED)

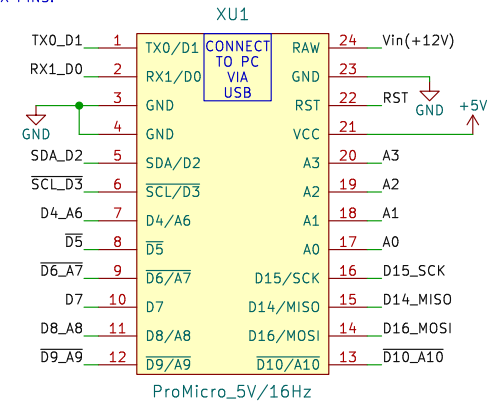
- 1) RS485 BUS TERMINATION: DO NOT INSTALL J2 (BUS OUT) CONNECTOR AND ADD A 120Ω THRU-HOLE RESISTOR ACROSS PINS 4&5 OF J2(BUS OUT) ON LAST ABSIS_ALE OF RS485 BUS.
- 2) FOR ARDUINO PRO MICRO PROGRAMMING VIA USB: MAY BE PROGRAMMED IN-CIRCUIT.
- 3) THE RAW POWER PIN ON THE PRO MICRO AND +12V_SUPPLY ARE TIED TOGETHER. IF THE PRO MICRO BOARD IS POWERED VIA USB, THE VOLTAGE AT THIS PIN IS ABOUT 4.8V

ABSIS_ALE I/O BREAKOUT



NOTE: IN ARDUINO CODE:
USE "SERIAL" FOR USB;
"SERIAL1" FOR TX/RX PINS.

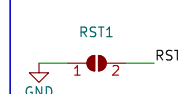
SPARKFUN PRO MICRO
5V/16Hz



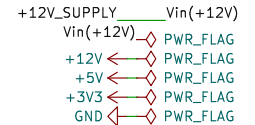
MOUNTING HOLES



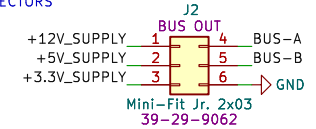
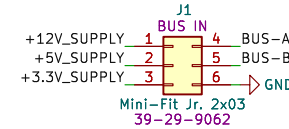
"RESET" JUMP PADS



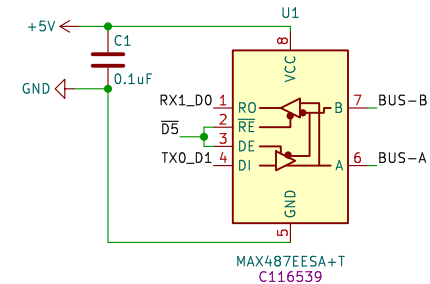
PWR FLAGS



ABSIS BUS CONNECTORS



RS485 BUS CONTROLLER



LOGOS/SILKSCREENS



OPEN HORNET
www.openhornet.com

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File: ABSIS_ALE.kicad_sch

Title: ABSIS ALE (ALmost Everything)

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Id: 1/1