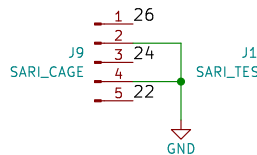
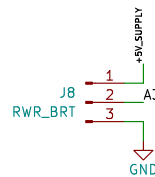
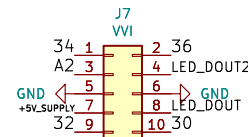
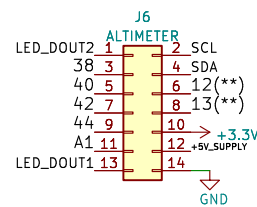
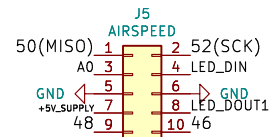
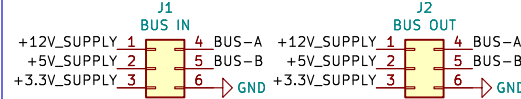


NOTES: (UNLESS OTHERWISE SPECIFIED)

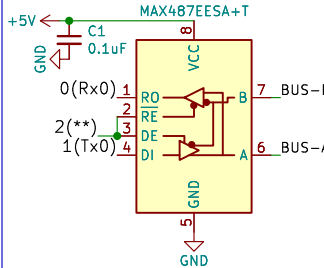
- 1) ARDUINO MEGA PROGRAMMING: REMOVE ARDUINO MEGA FROM STANDBY CONTROLLER PCB PRIOR TO PROGRAMMING MEGA VIA USB.
- 2) RS485 BUS TERMINATION: DO NOT INSTALL J2 (BUS OUT) CONNECTOR AND ADD A 120OHM THRU-HOLE RESISTOR ACROSS PINS 4&5 OF J2 (BUS OUT) ON LAST ABSIS NANO OF RS485 BUS.
- 3) BL DATA SELECT: PLACE JUMPER OVER PINS 1 & 2 OF JP1/JP2 TO SELECT DATA INPUT FROM BACKLIGHTING BUS. PLACE JUMPER OVER PINS 2 & 3 OF JP1/JP2 TO SELECT DATA FROM THE STANDBY CONTROLLER MCU.



ABSIS BUS CONNECTORS



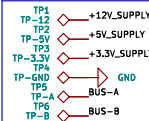
RS485 BUS CONTROLLER



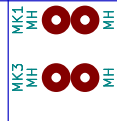
BL CONNECTORS



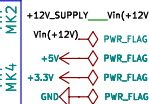
TEST POINTS



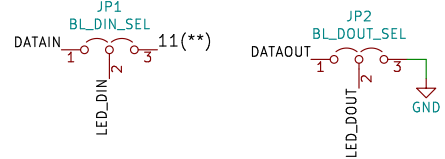
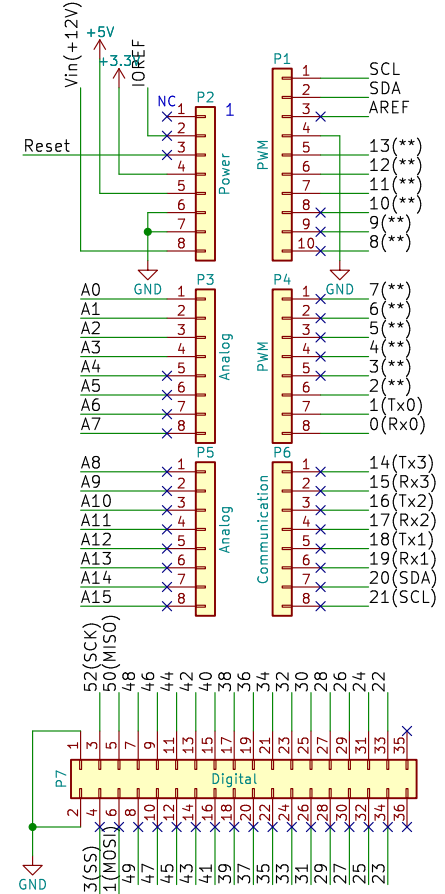
MOUNT HOLES



PWR FLAGS



ARDUINO MEGA REV3



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Sheet:
File: CONTROLLER_Standby Instrument.kicad_sch

Title: ABSIS MEGA 2.0

Size: USLetter Date: 2024-09-09
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Rev: 1
Id: 1/1