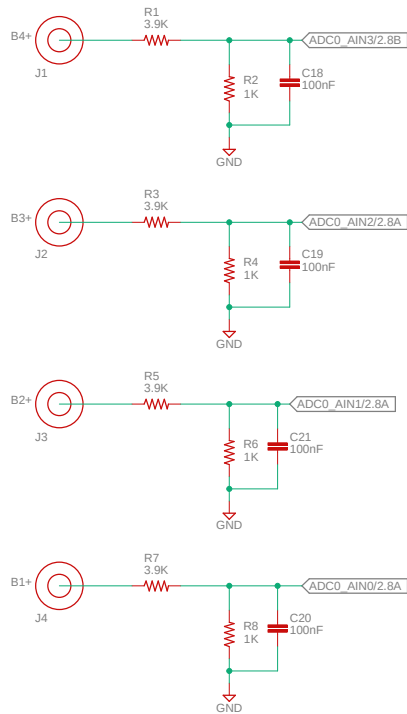


Terminal Block- battery voltages

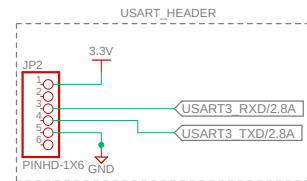
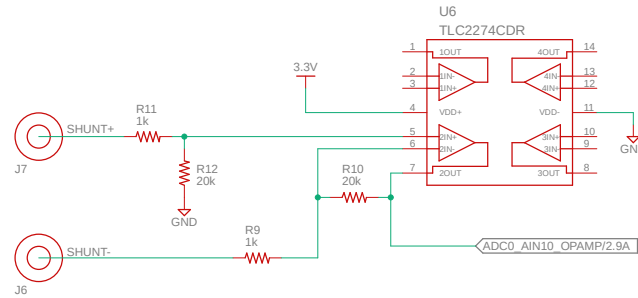
* Battery Cell inputs use divide by 5 voltage dividers and MCU maximum rating is 5V
* Input voltage cannot exceed +25V referenced to GND

Battery Cell Input Terminal Blocks:

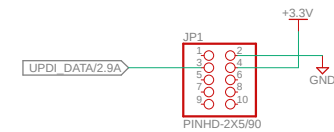
B4+ => RED
B3+ => YELLOW
B2+ => BLUE
B1+ => GREEN
B- => BLACK



Shunt Terminal Block Inputs to Current Sensing (low-side) Instrumentation Amplifier: with Gain of 20



male JTAG Programming Header

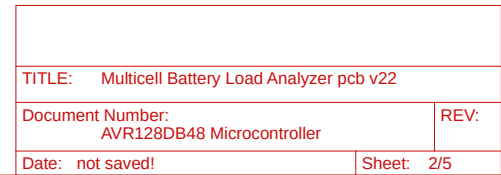


TITLE: Multicell Battery Load Analyzer pcb v22

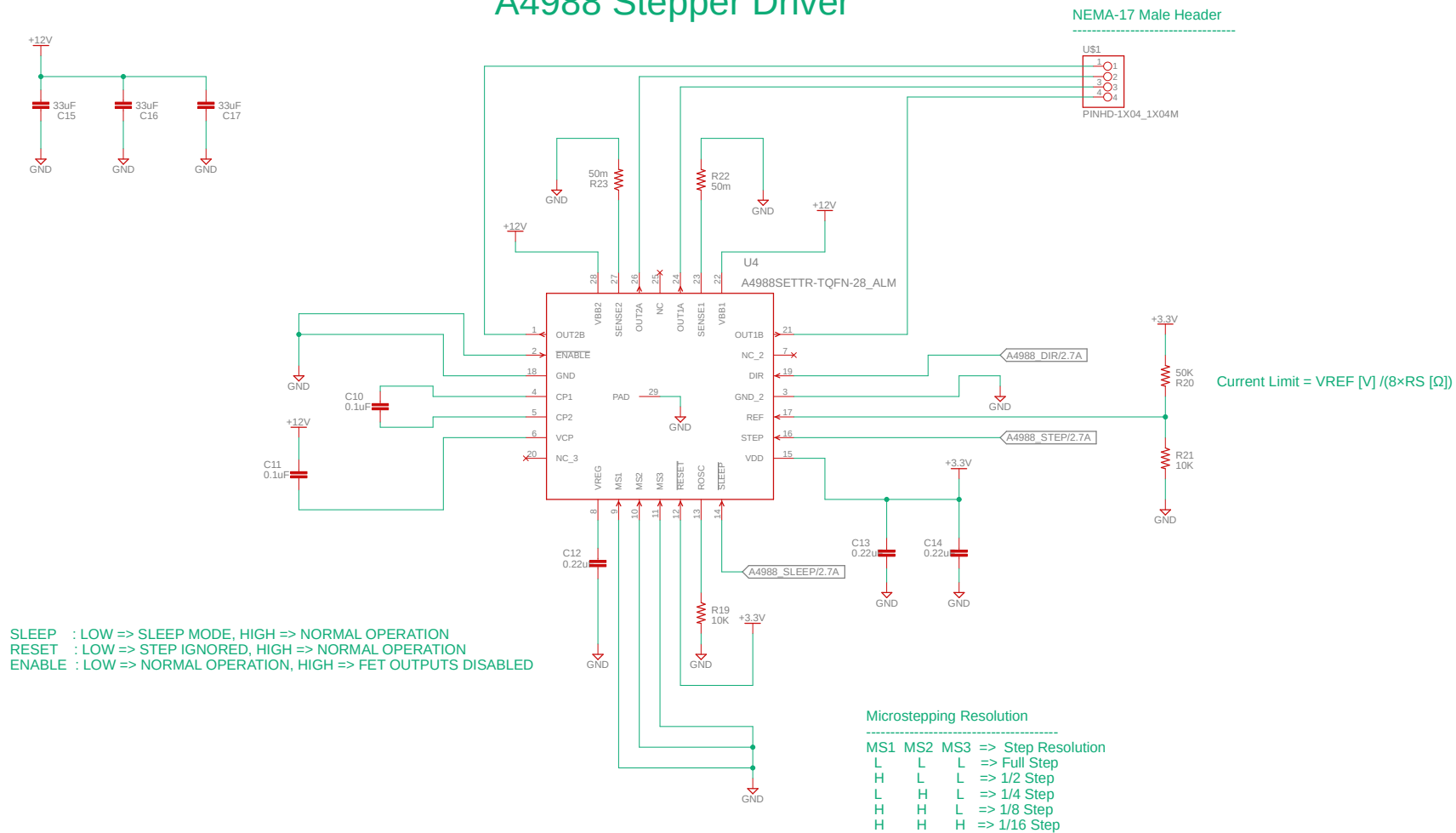
Document Number: Sense Wire Input Connections and Headers REV:

Date: not saved!

Sheet: 1/5



A4988 Stepper Driver



MS1	MS2	MS3	=> Step Resolution
L	L	L	=> Full Step
H	L	L	=> 1/2 Step
L	H	L	=> 1/4 Step
H	H	L	=> 1/8 Step
H	H	H	=> 1/16 Step

TITLE: Multicell Battery Load Analyzer pcb v22

Document Number:
A4988 Stepper Motor Driver

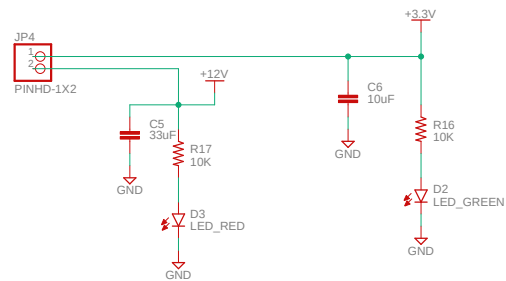
REV:

Date: not saved!

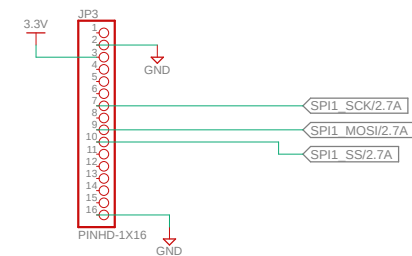
Sheet: 3/5

Power Supply Board Header

* +12V => Fan and Stepper Motor Power Supply; RED Status LED
 * +3.3V => Microcontroller Power Supply; GREEN Status LED



LCD header



TITLE: Multicell Battery Load Analyzer pcb v22

Document Number:
Power Supplies and LCD Header

REV:

Date: not saved!

Sheet: 4/5

