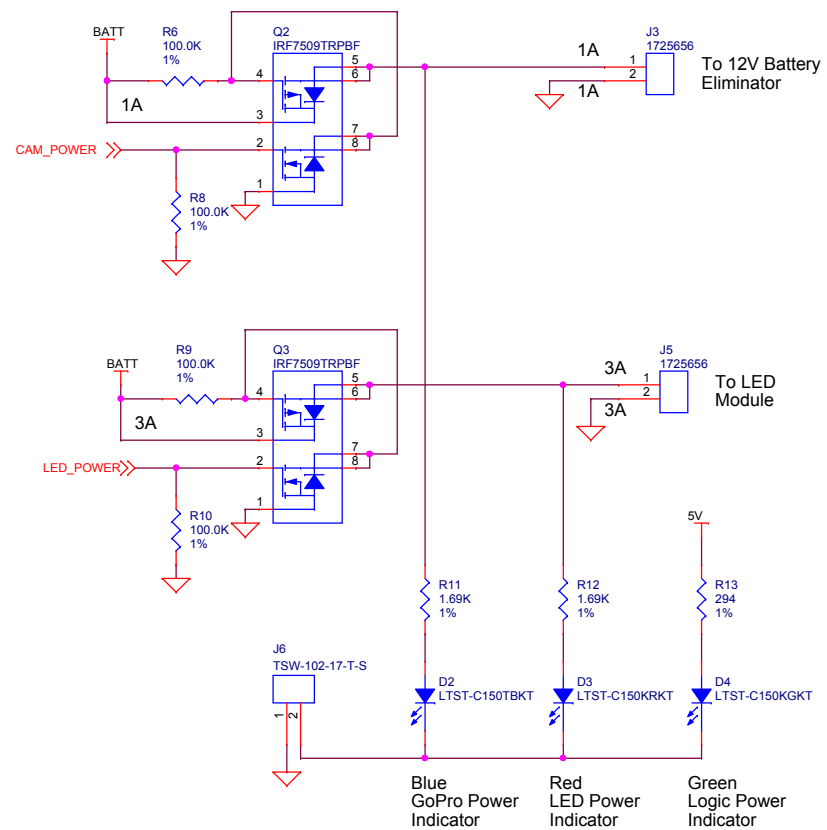
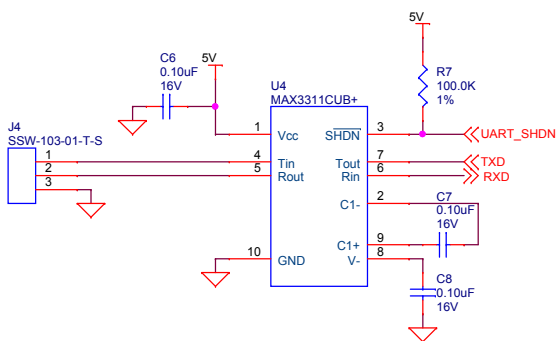


The schematic diagram illustrates the PCB layout for the SSW-112-01-T-S module, showing connections for two headers: J7 and J8.

J7 Header (SSW-112-01-T-S):

- Pin 1: RAW (5V)
- Pin 2: GND
- Pin 3: RESET
- Pin 4: VCC
- Pin 5: A3
- Pin 6: A2
- Pin 7: A1
- Pin 8: A0
- Pin 9: SCK
- Pin 10: MISO
- Pin 11: MOSI
- Pin 12: D10

J8 Header (SSW-112-01-T-S):

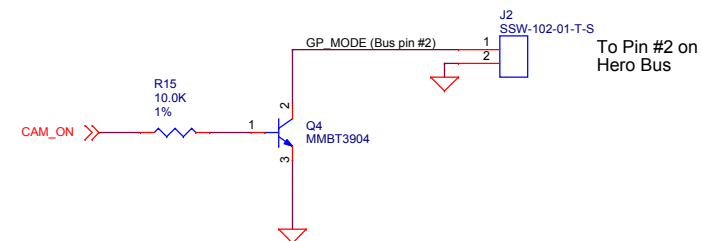
- Pin 1: D9
- Pin 2: D8
- Pin 3: D7
- Pin 4: D6
- Pin 5: D5
- Pin 6: D4
- Pin 7: D3
- Pin 8: D2
- Pin 9: GND
- Pin 10: RESET
- Pin 11: RXI
- Pin 12: TXO

Connections:

- Pin 1 (RAW) is connected to a 5V supply.
- Pin 2 (GND) is connected to ground.
- Pin 3 (RESET) is connected to ground.
- Pin 4 (VCC) is connected to ground.
- Pin 5 (A3) is connected to BATT_CURR.
- Pin 6 (A2) is connected to BATT_VOLT.
- Pin 7 (A1) is connected to SCK.
- Pin 8 (A0) is connected to MOSI.
- Pin 9 (SCK) is connected to RXD.
- Pin 10 (MISO) is connected to TXD.
- Pin 11 (MOSI) is connected to RXI.
- Pin 12 (D10) is connected to TXO.
- Pin 1 (D9) is connected to CAM_POWER.
- Pin 2 (D8) is connected to CAM_ON.
- Pin 3 (D7) is connected to LED_POWER.
- Pin 4 (D6) is connected to UART_SHDN.
- Pin 5 (D5) is connected to RTC_RESET.
- Pin 6 (D4) is connected to RTC_INT.
- Pin 7 (D3) is connected to GND.
- Pin 8 (D2) is connected to GND.
- Pin 9 (GND) is connected to GND.
- Pin 10 (RESET) is connected to GND.
- Pin 11 (RXI) is connected to GND.
- Pin 12 (TXO) is connected to GND.

Resistors:

- R16: 0.0
- R17: 0.0



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Title SeeStar Arduino Shield		Number <Doc>	
Size C	Engineer Chad Key	Layout <Layout Eng.>	Filename <Filename>
	Date: Friday, March 13, 2015	Sheet 1 of 1	Rev B