

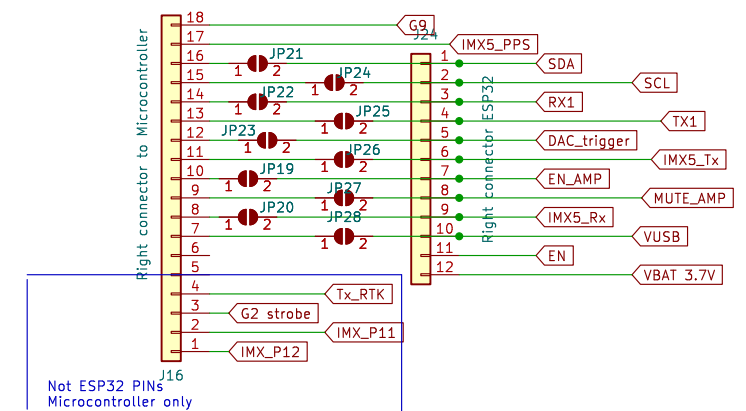
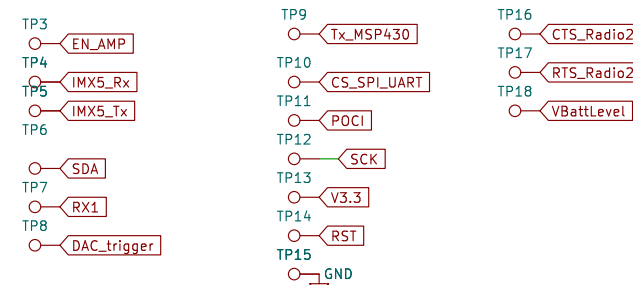
The diagram illustrates the pin connections for the Raspberry Pi 4B. It shows the connection of the UART pins (J14 and J15) to the Raspberry Pi 4B. The diagram includes labels for GND, V5, RTS\_Radio, CTS\_Radio, Tx\_Radio, Rx\_Radio, UART\_Radio1, UART\_Radio2, and the corresponding pin numbers (1, 2, 3, 4, 5, 6, 7, 8, 220, 220, 220, 220).

Jumpers JP1–5 select between SPI and I2C.  
Position 1 for I2C 2 for SPI.  
JP6 connected for SPI only.

A0 and A1 set I2C address.  
Default to GND. Need Jumper wire for VCC

Wiring diagram for the I2C interface. The diagram shows three components: a J9 connector, a SHIELD module, and a J10 connector. The J9 connector has pins 1 (SCL), 2 (SDA), 3 (V3.3), and 4 (GND). The SHIELD module has pins 1 (SCL), 2 (SDA), 3 (V3.3), and 4 (GND). The J10 connector has pins 1 (SCL), 2 (SDA), 3 (V3.3), and 4 (GND). The wiring is as follows: J9 pin 4 to SHIELD pin 4, J9 pin 3 to SHIELD pin 3, J9 pin 2 to SHIELD pin 2, and J9 pin 1 to SHIELD pin 1. The SHIELD module is connected to J10 pin 4, J10 pin 3, J10 pin 2, and J10 pin 1.

Pinout diagram of the I11 connector for the V6.0 board. The diagram shows two rows of pins, 1 to 21 on the left and 1 to 16 on the right. Various functions are assigned to these pins, including V6.0 ADC, CLK-, CLK\_DAC, GND, Tx\_MSP430, CS\_SPL\_UART, CS2, POCI, PICO, SCK, Rx\_MSP430, RTS\_Radio2, VBatLevel, Tx\_Radio2, CTS\_Radio2, GND, V3.3, and RST. Jumper points JP1 through JP18 are indicated with 1 and 2 positions. A blue box highlights the 'Input only' section for pins 9 through 12. A label 'Left connector I11' is at the bottom.



Not ESP32 PINs<sup>J16</sup>  
Microcontroller only

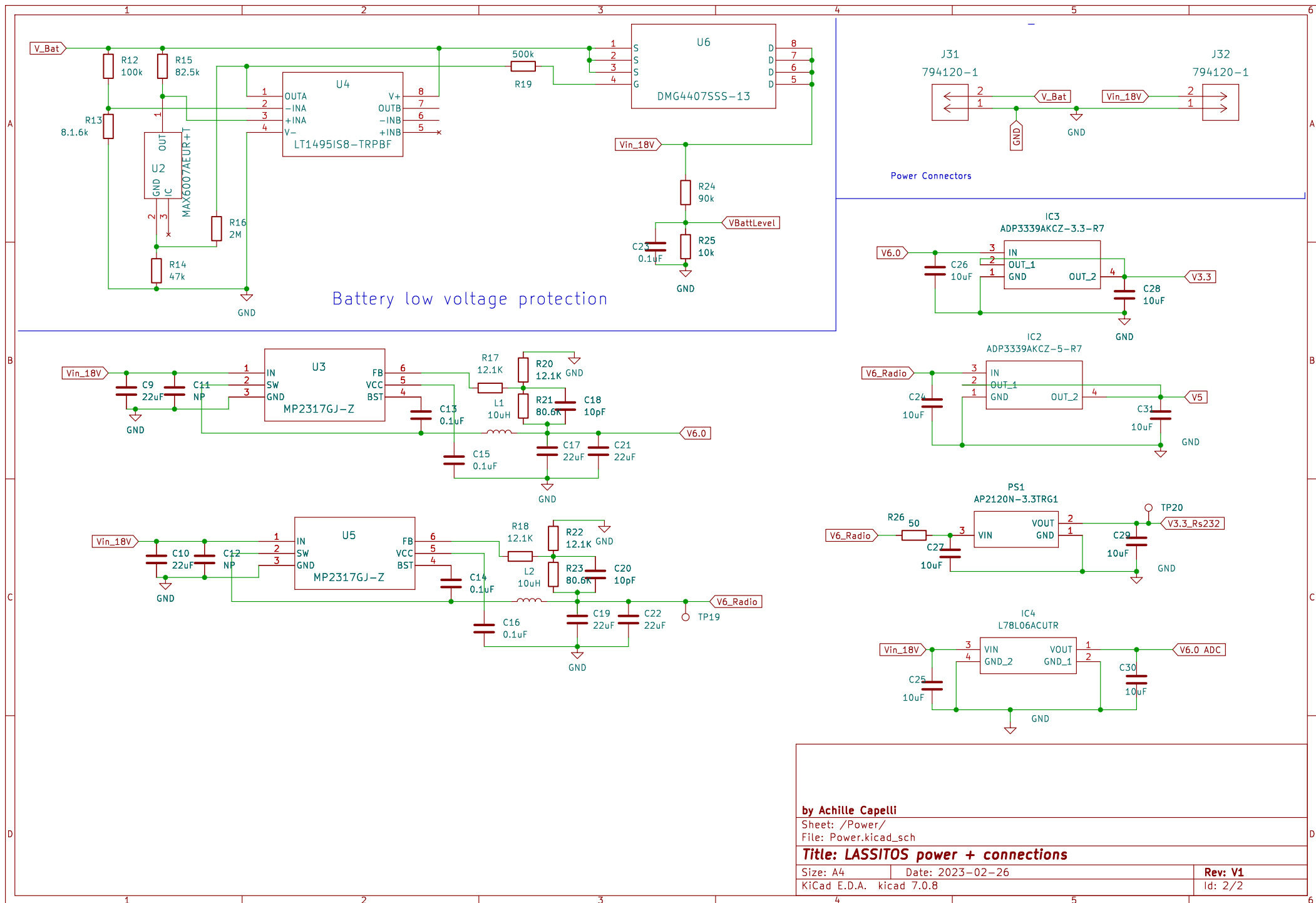
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Rev: V1

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by Achille Capelli

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