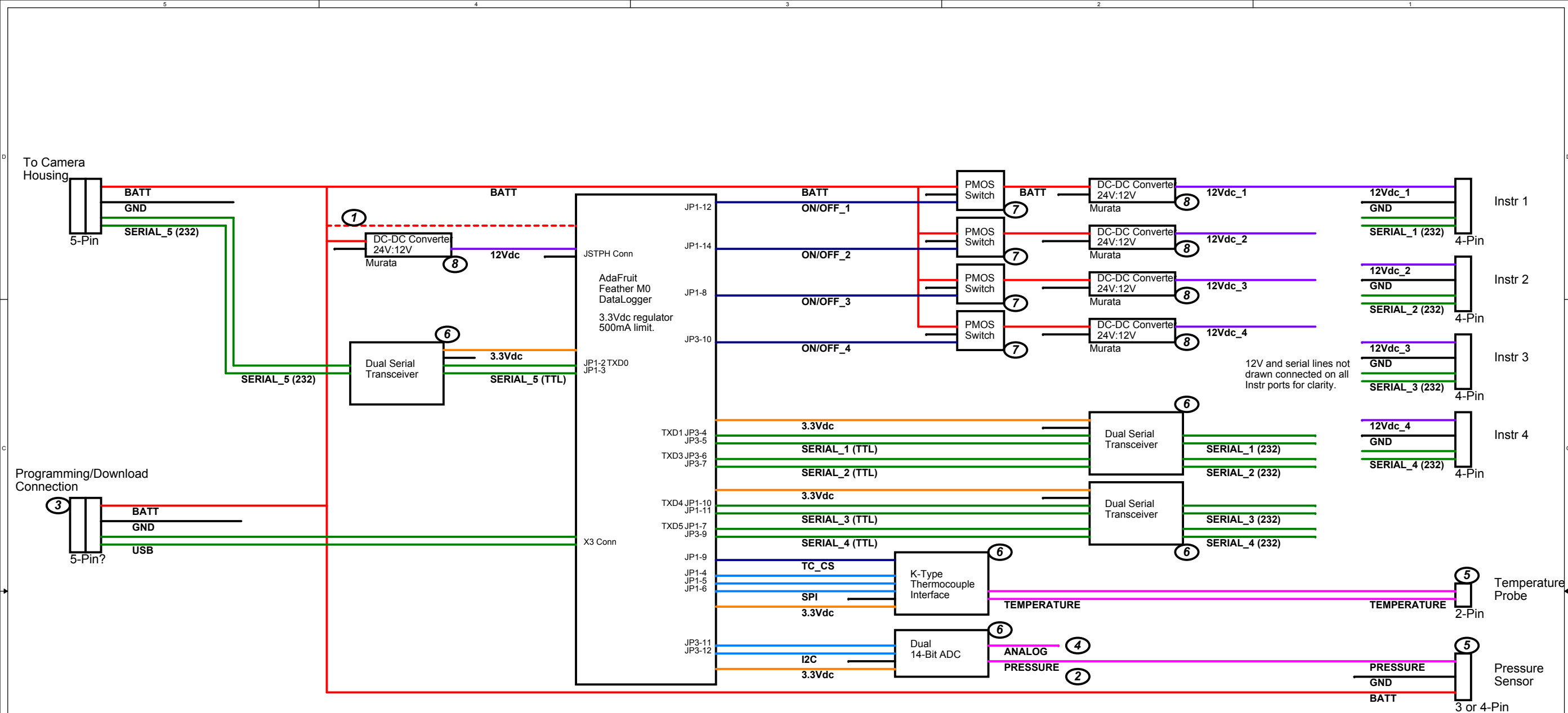




- 1: If BATT < 20V, then it can be applied to the Feather directly (bypass DC-DC converter).
- 2: Pressure sensor output is a 0-5V analog signal. It will need to be scaled to 0-3V.
- 3: The USB port (and connector) may not be needed. Need to test whether the Feather can be programmed over a serial port.
- 4: Analog input for instrument port to be implemented in the future.
- 5: The Temp and Pressure sensors could be mounted to the endcap directly, eliminating the need for two additional connectors.
- 6: The transceiver, thermocouple, and ADC boards are all small COTS boards.
- 7: PMOS switch is either an N+P IC on mounting board or a standalone through part (TBD)
- 8: Murata 24V:12V DC-DC converter have a 1.3 amp limit each.

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Title	SeeStar III Sensor Module Block Diagram			Number
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