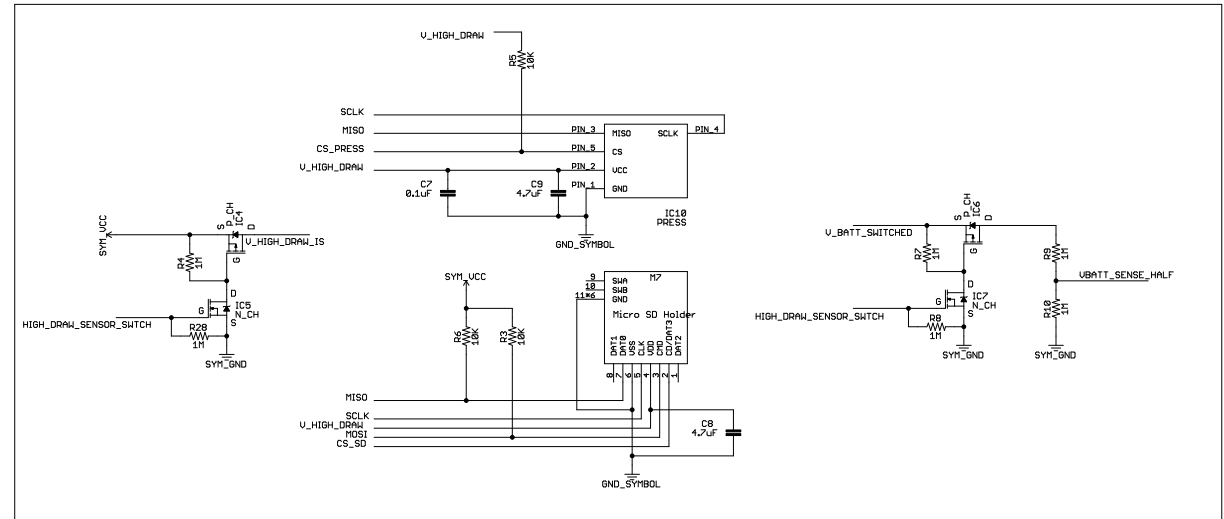
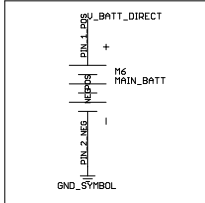


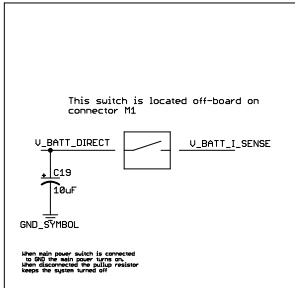
High Draw Sensors



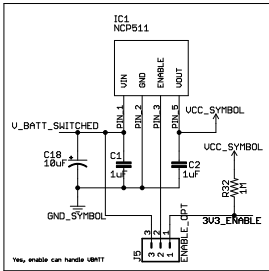
Battery (2 POS CONN)



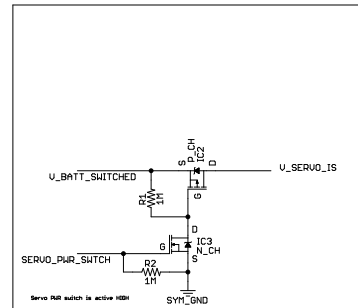
Main Power Switch Circuit



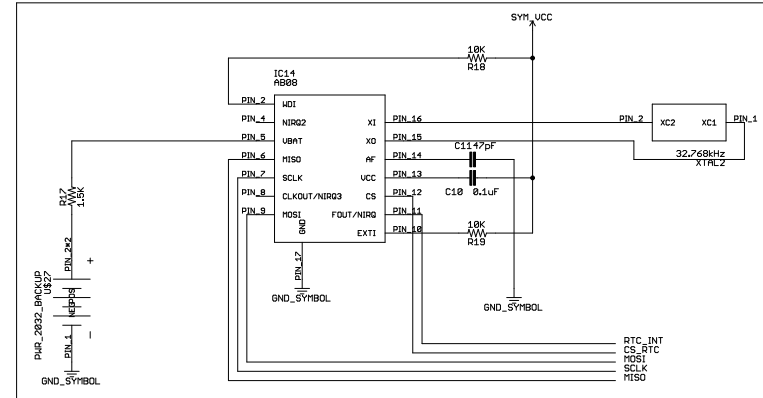
3.3V Regulator



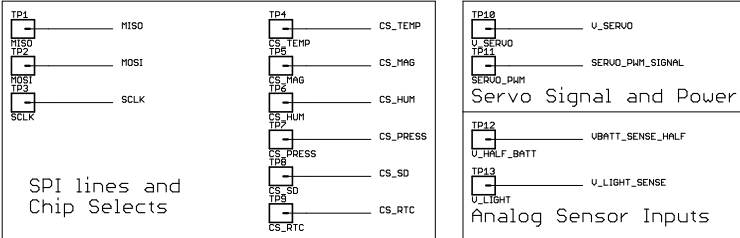
Servo Power Switch



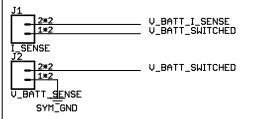
RTC (ALWAYS POWERED)



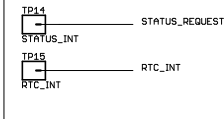
Test Points and Jumpers



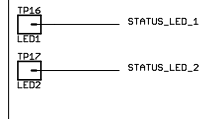
UBatt + Total Current



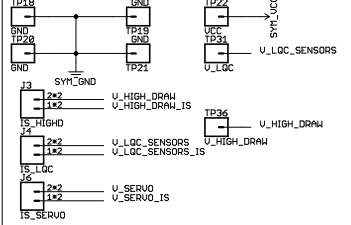
Interrupts



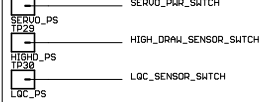
LED Outputs



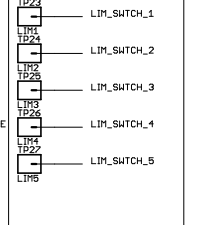
Ground Points / Power



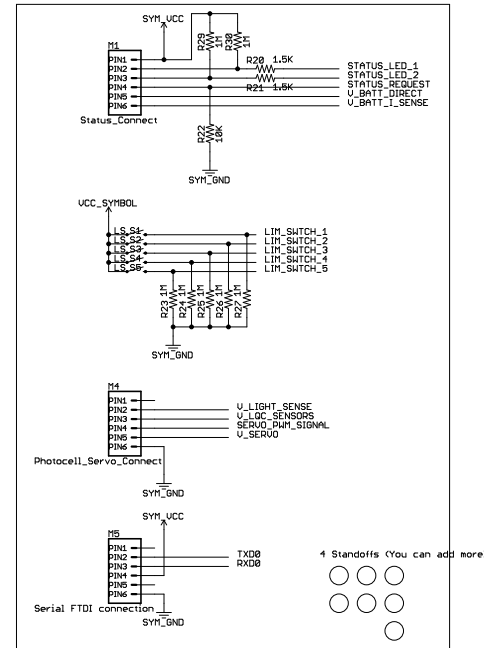
Power Switch Pins



Limit Switches



Off-Board Connections



The schematic diagram illustrates the connection of two ADCs, AD7318 and AD7319, to a 1.8V supply (U_L0C_SENSORS).

AD7318 (IC11) Connections:

- INT:** Connected to PIN_4.
- CT:** Connected to MOSI.
- GND:** Connected to PIN_2.
- UCC:** Connected to SCLK.

AD7319 (IC13) Connections:

- VDD:** Connected to PIN_1.
- VSS:** Connected to NC.
- CS:** Connected to MISO.
- SCLK:** Connected to PIN_5.

LOC_SENSOR_SWITCH: Active high.