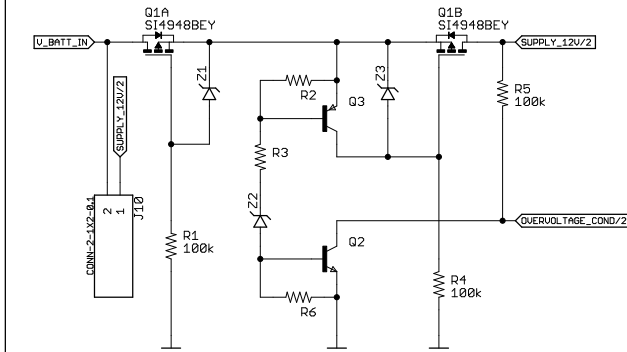
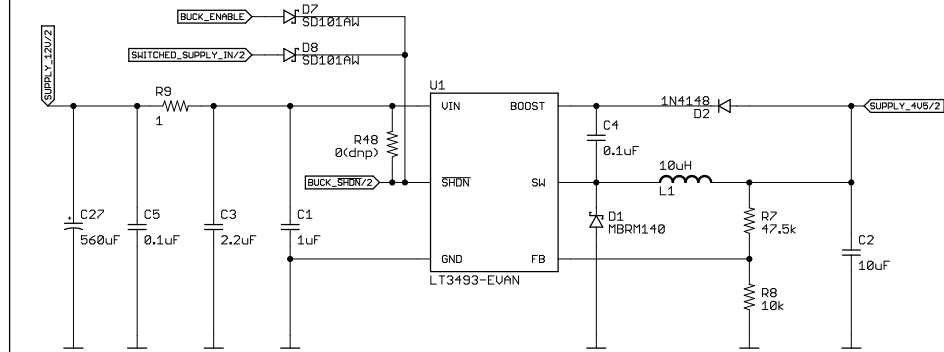


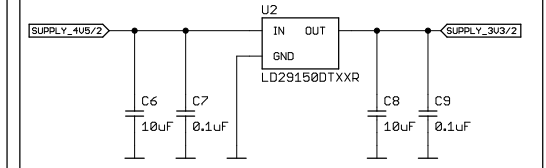
Reverse Polarity / Overvoltage Protection



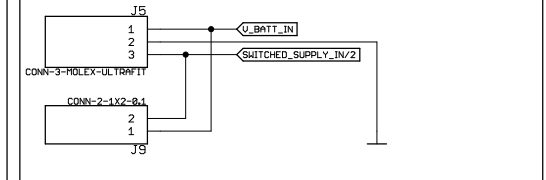
Buck Regulator



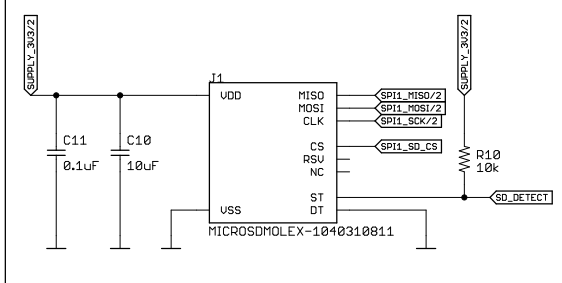
Linear Regulator



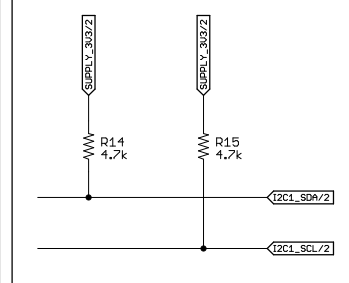
Power Input



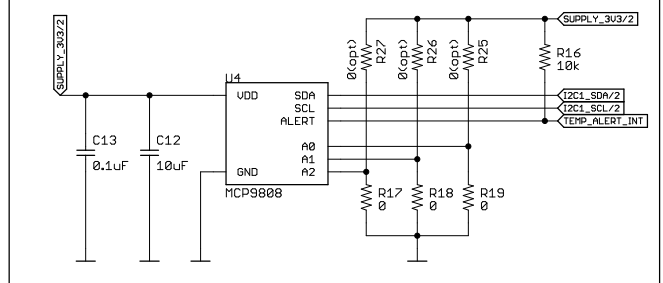
SD Card Interface



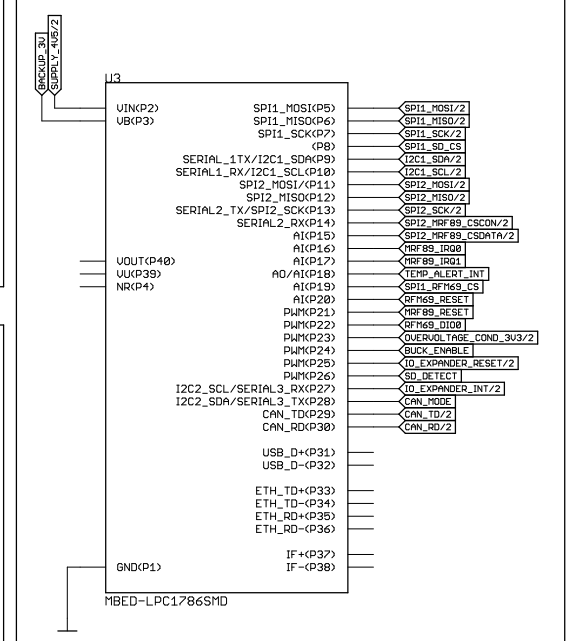
I2C Bus Pullups



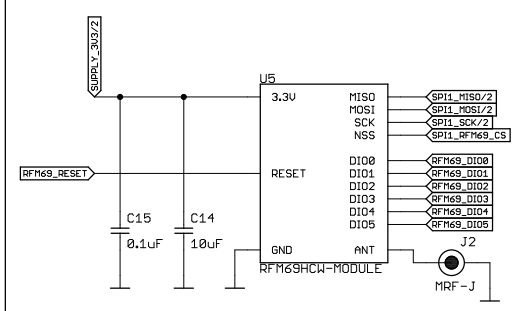
Temperature Sensor



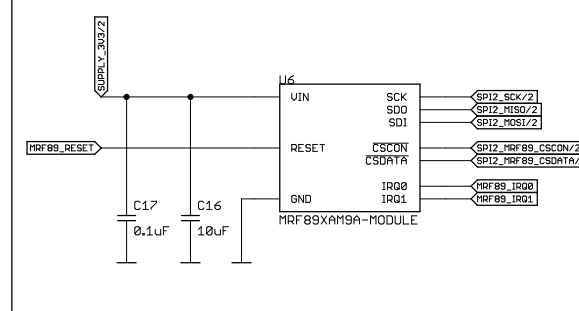
MBED Host



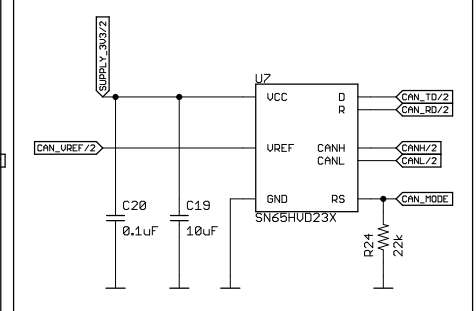
433MHz Packet Radio



915MHz Packet Radio



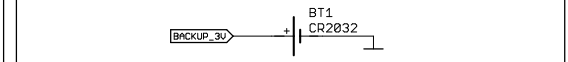
CAN Transceiver



Notes

- > DIO1 through DIO2 of the RFM69 are unused, DIO0 is used for RX interrupts
- > Reset lines of RFM69 or MRF89 MUST always be set as a high-impedance input to the MBED, a reset is triggered by enabling the internal pullup for 10ms, and releasing
- > MCP9808 is address is configured using R17-R19 and R25-R26
- > For test points, any of the Keystone "medium" through hole models may be used (part numbers 5085-9 and 5120-125)
- > CY60920A has an internal pull-down resistor on the XRES pin, for normal operation, either leave floating (tri-state uC input) or drive to ground

RTC Backup Battery

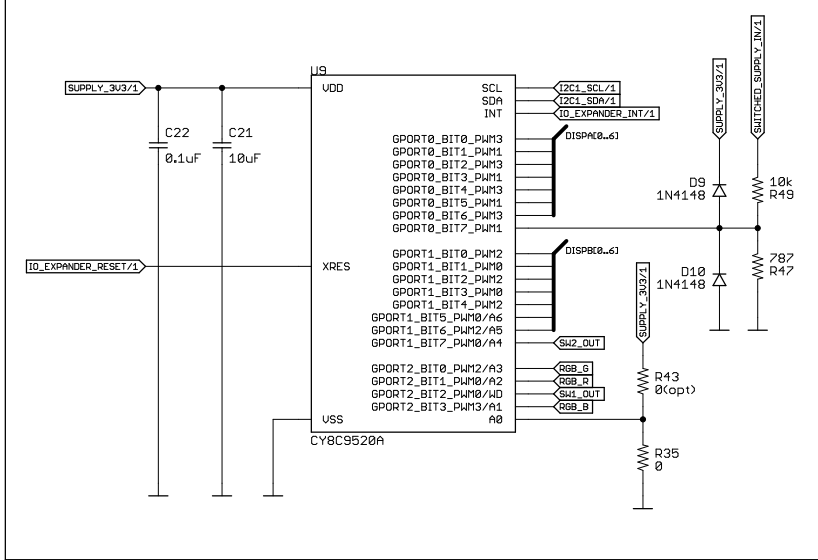


TITLE: ccu

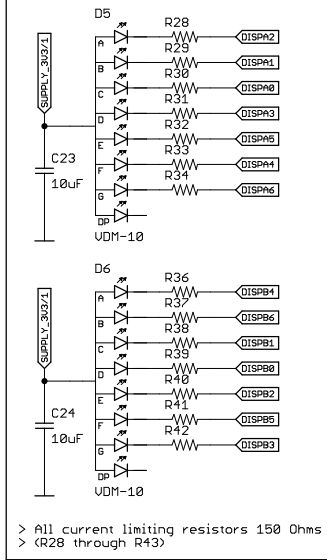
Design by: _____ REV: _____

Date: not saved! Sheet: 1/2

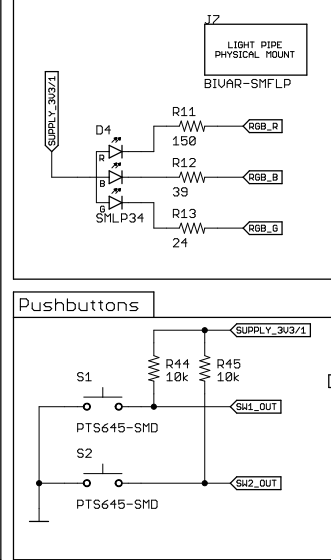
I2C I/O Expander



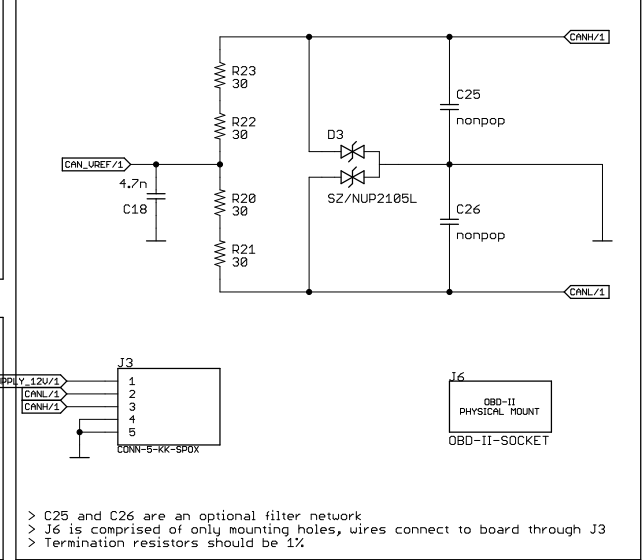
Seven-Segment Displays



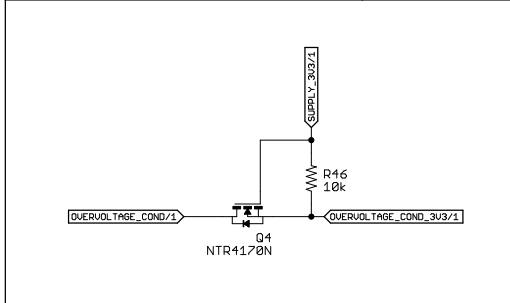
RGB Indicator / Light Pipe



CAN Input and Input Protection



Overvoltage Cond. Level Shifting



Test Points

