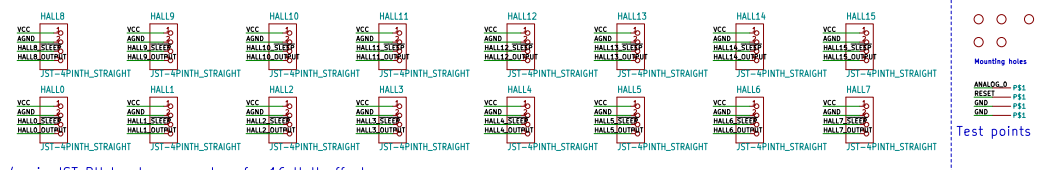
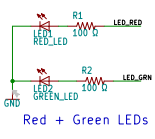
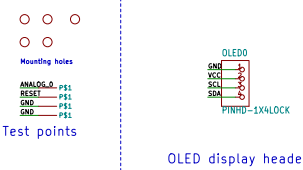


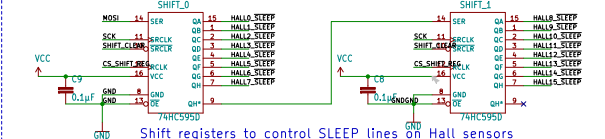
Individual Hall effect sensor boards to be mounted on 4-conductor wire leads – 20 total (16 + 4 spares)



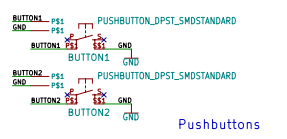
4-pin JST PH header connectors for 16 Hall effect sensors



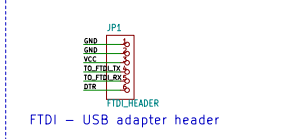
Red + Green LEDs



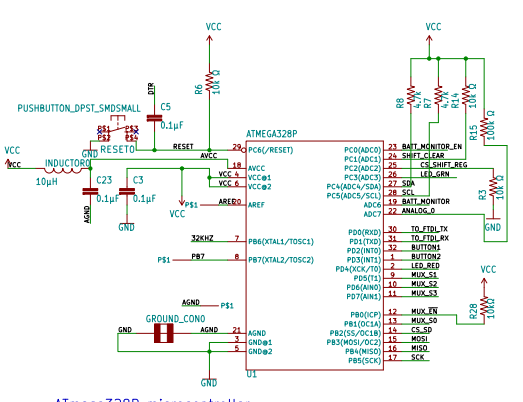
Shift registers to control SLEEP lines on Hall sensors



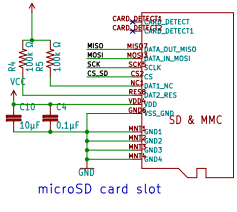
Pushbuttons



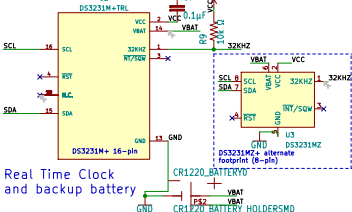
FTDI - USB adapter header



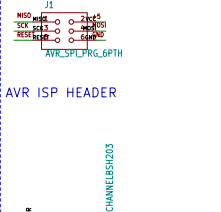
ATmega328P microcontroller



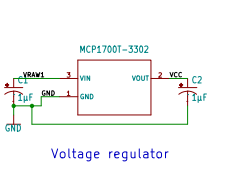
microSD card slot



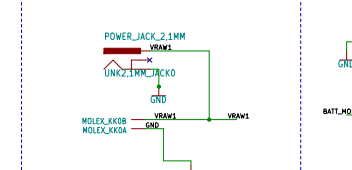
Real Time Clock and backup battery



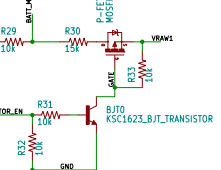
AVR ISP header



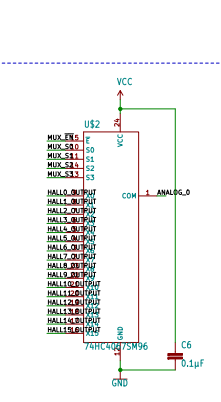
Voltage regulator



Power plugs



Battery monitor circuit



Analog multiplexer for Hall sensor output voltage