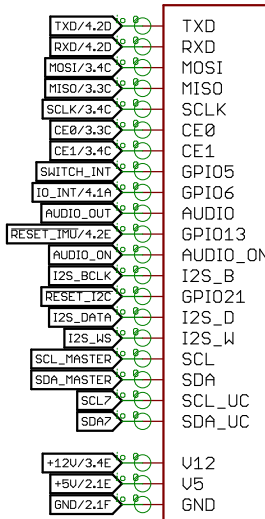
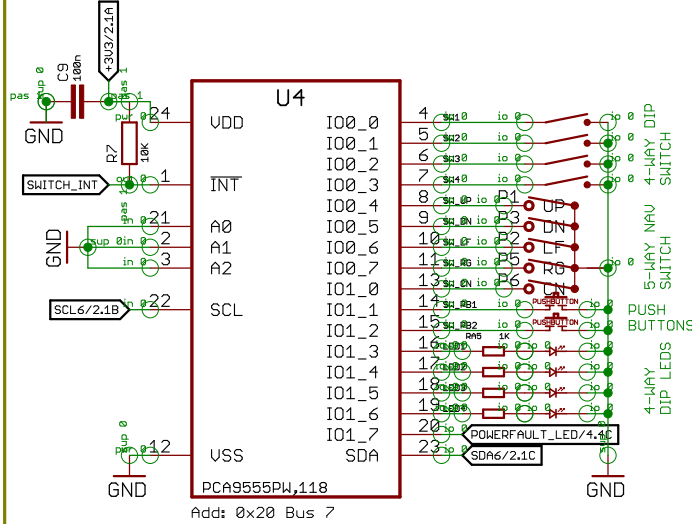


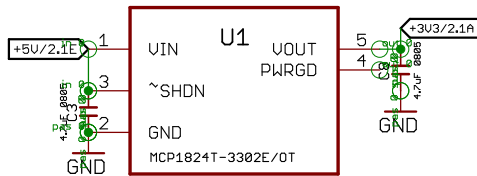
Connectors to YRL039 Power Supply Board



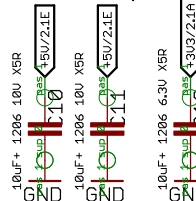
DIP & NAVIGATION SWITCHES



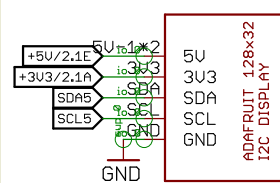
3.3V LDO Regulator



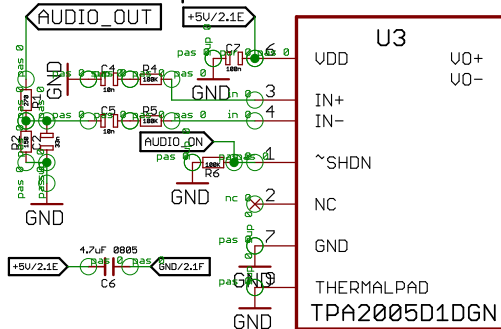
Bulk Caps



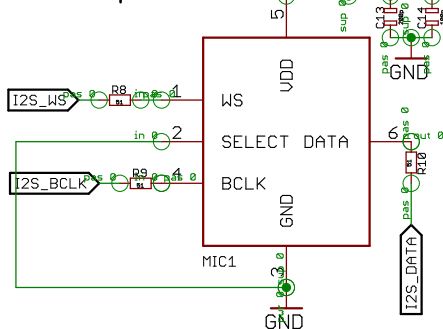
OLED Header



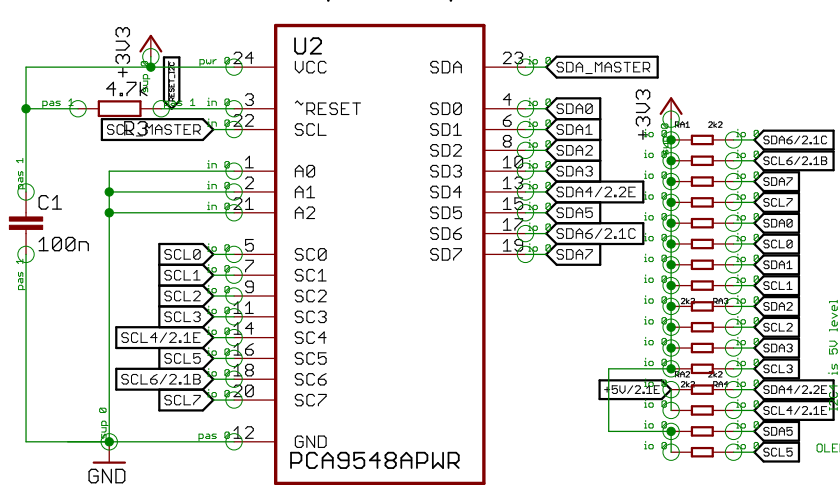
Audio Amplifier



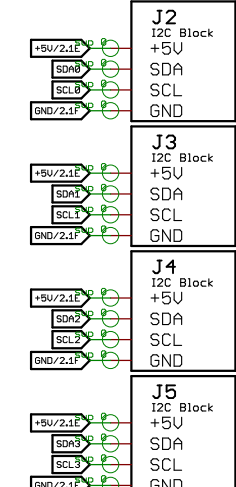
Microphone



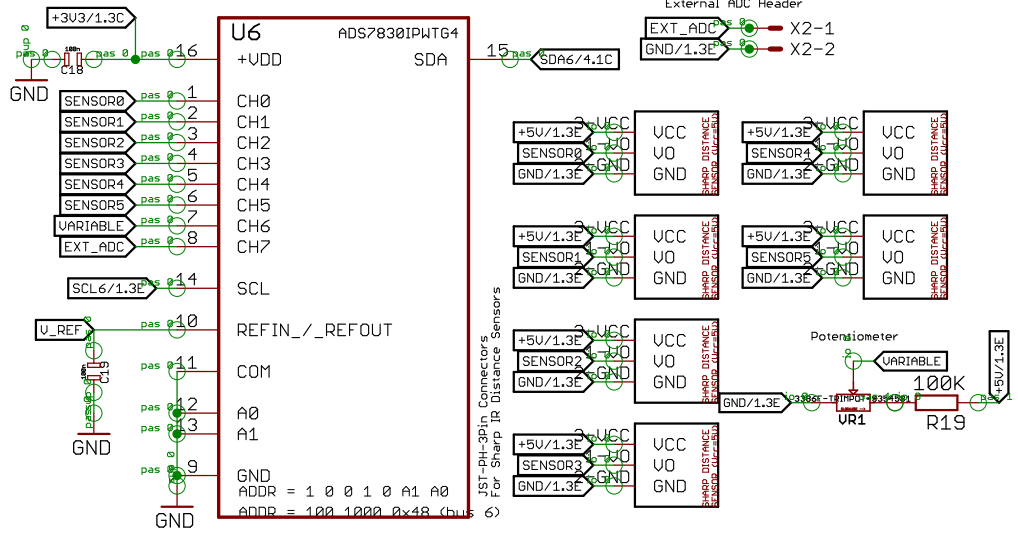
I2C switch and pull-ups



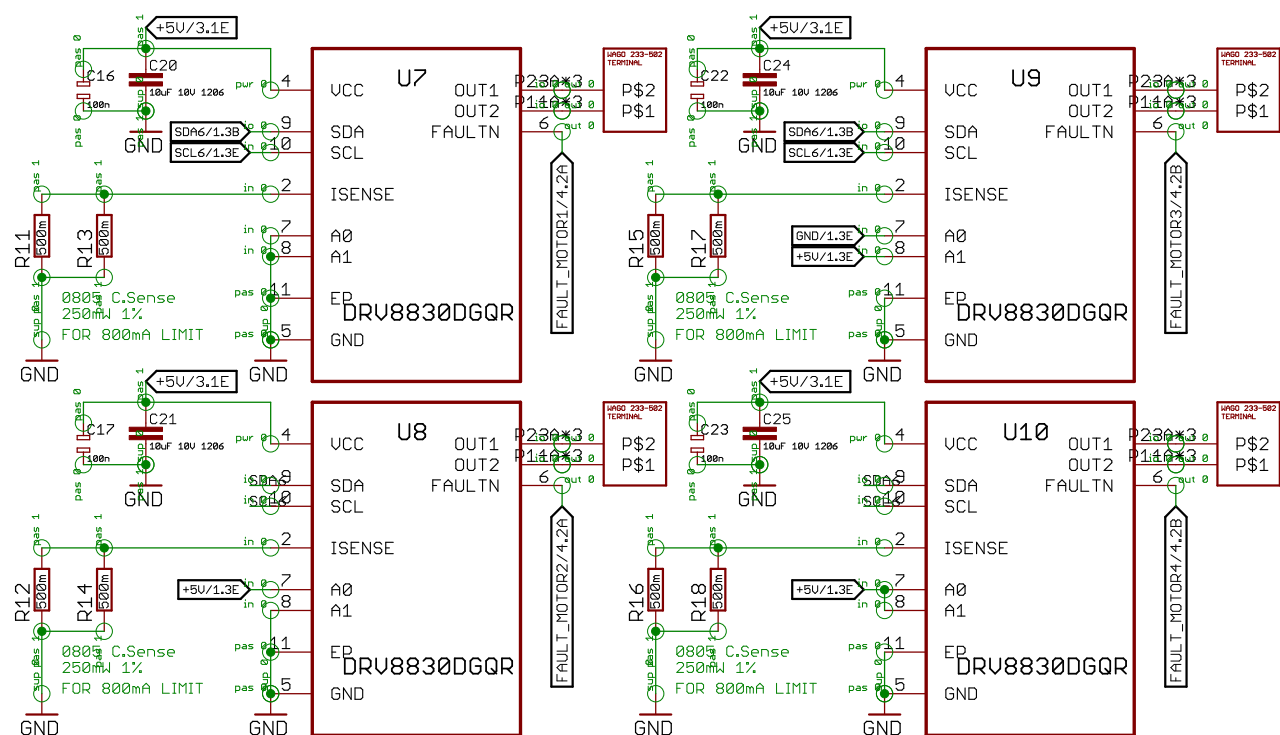
I2C Sockets



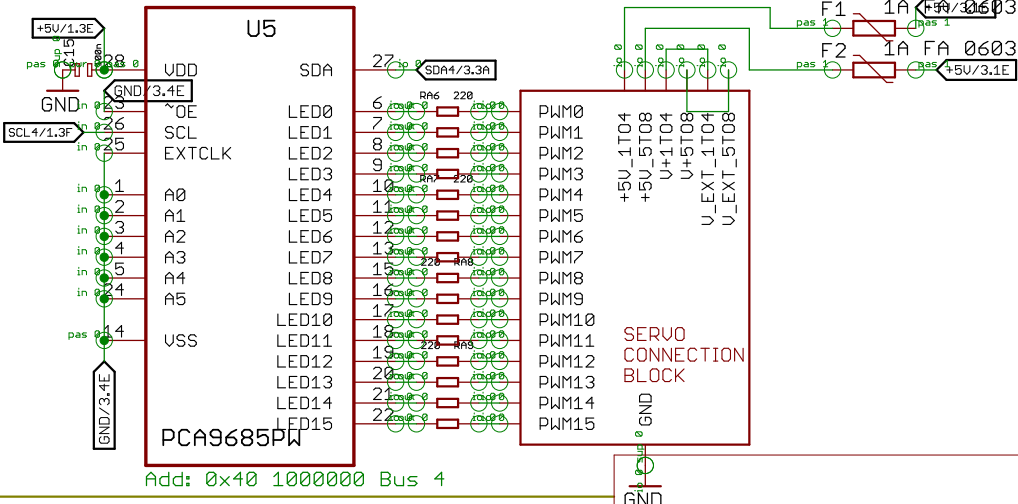
ADC



MOTOR DRIVERS



PWM (SERVO) DRIVER



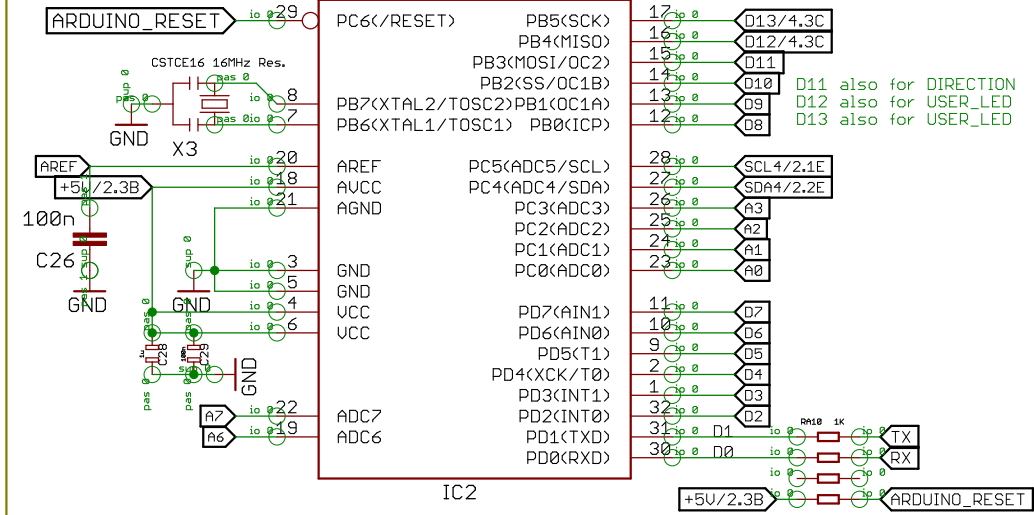
yr1040-final

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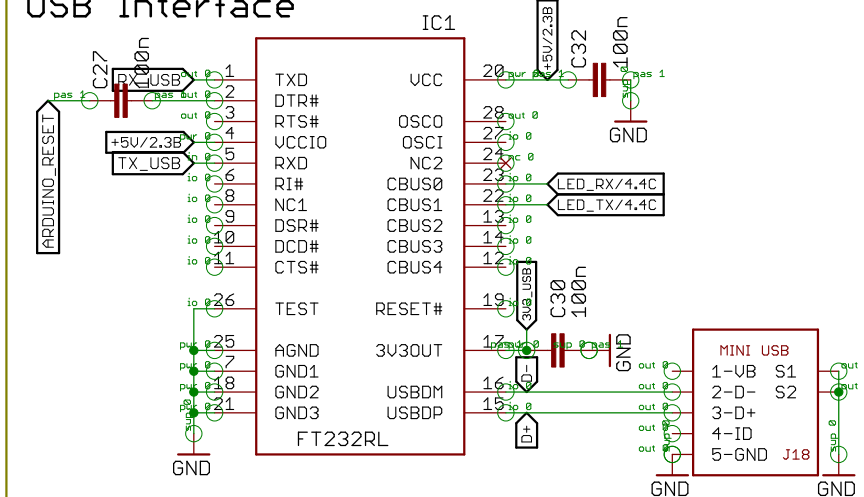
Sheet: 2/4

Arduino Microcontroller

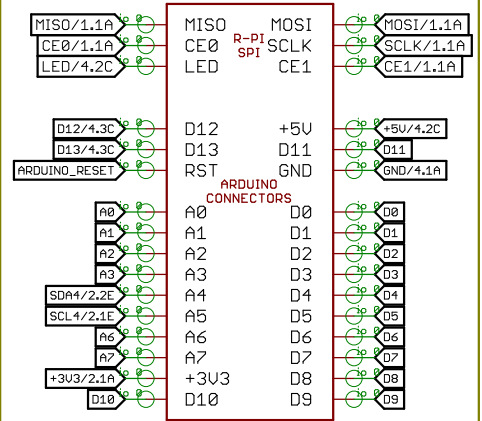
ATMEGA328P-AU



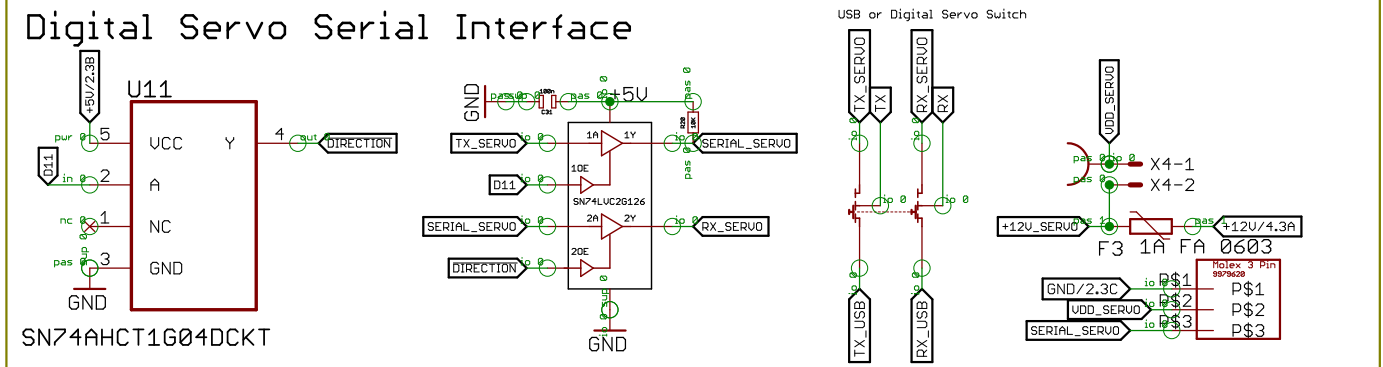
USB Interface



Arduino & RPi SPI Connectors



Digital Servo Serial Interface



B



D



F



4