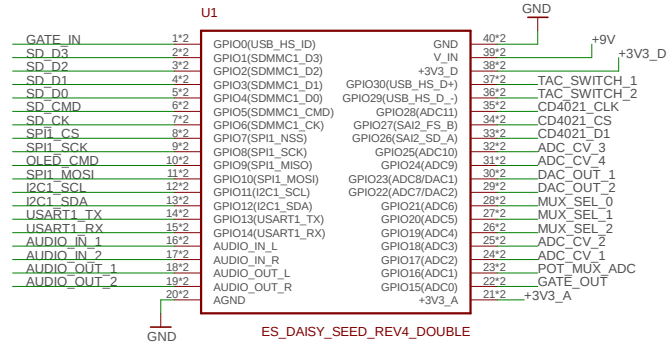
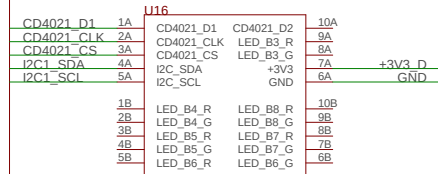


Daisy Seed

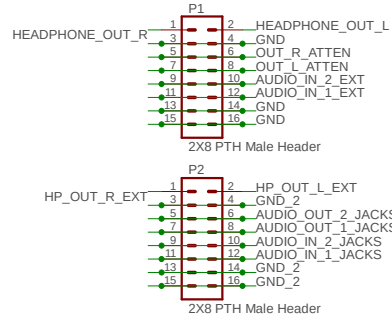
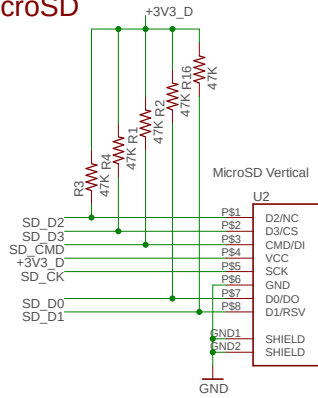
I2C - For LED Drivers (Address 0x00, 0x01, 0x02)
 UART1_TX - For MIDI Output
 UART1_RX - For MIDI Input
 SPI_PINS - For dual 4021 Input SR (not using actual SPI peripheral)



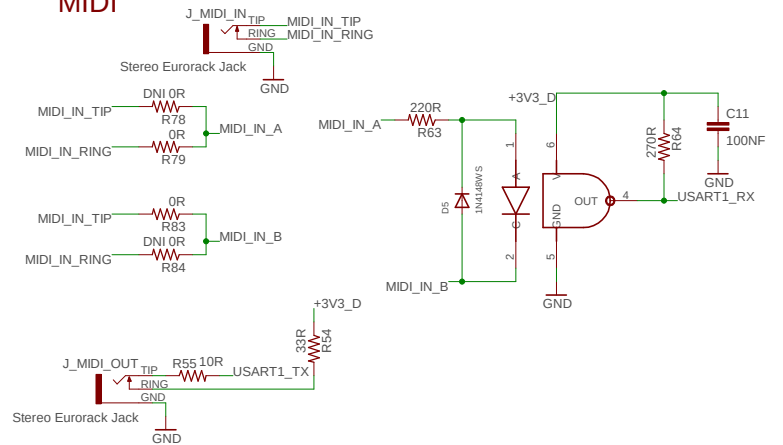
B2B - Keyboard PCB



microSD



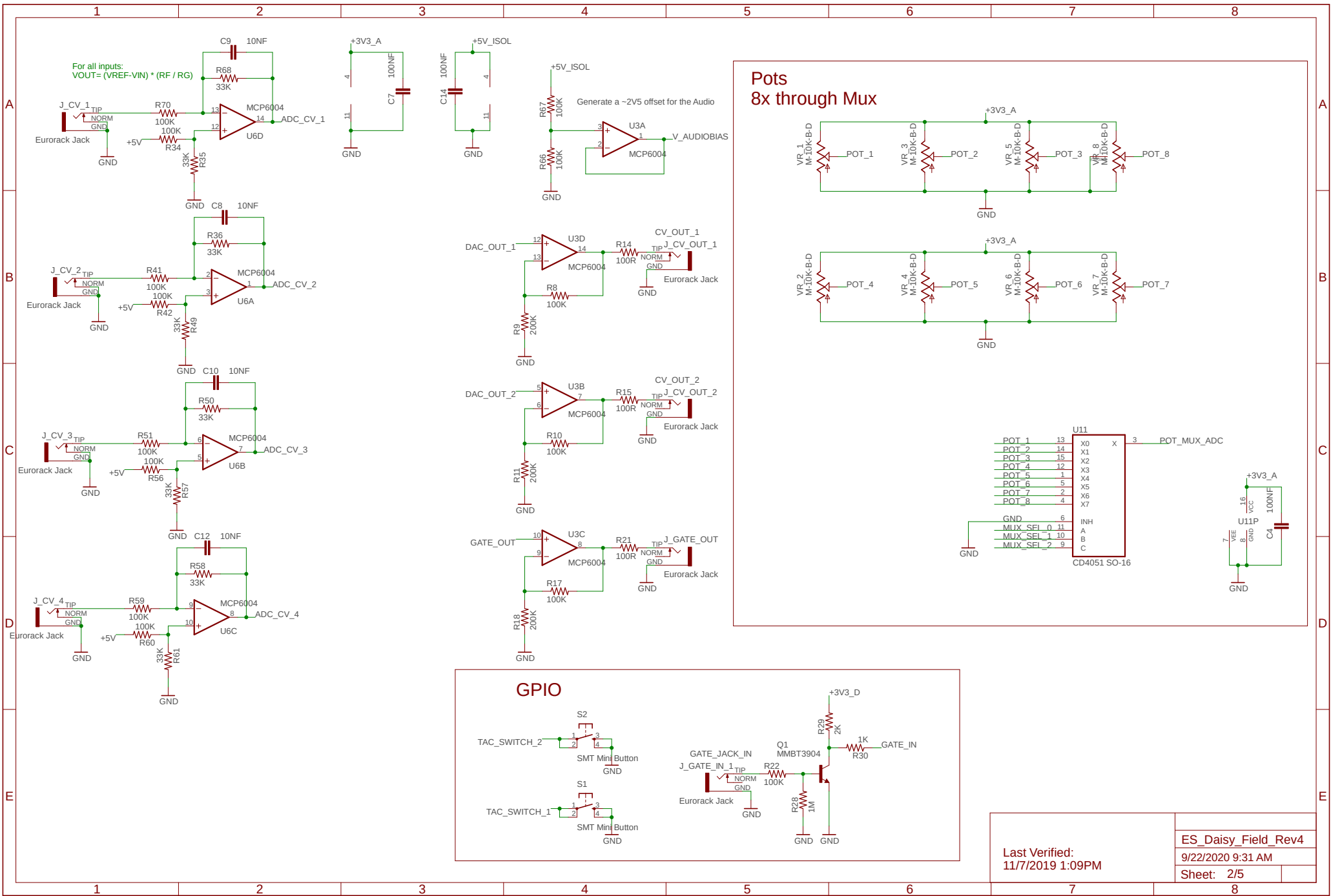
MIDI



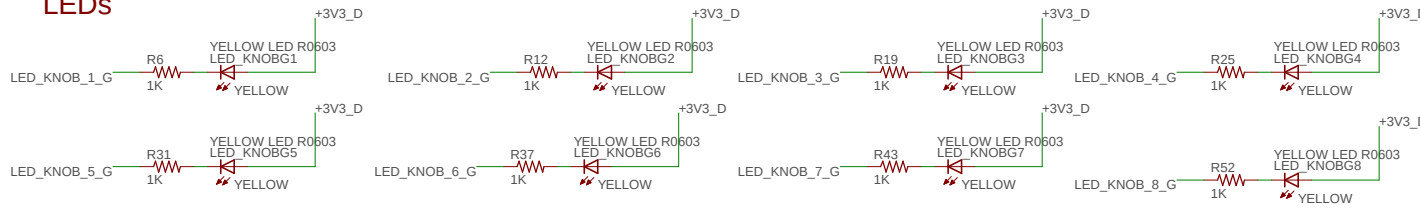
ES_Daisy_Field_Rev4

9/22/2020 9:31 AM

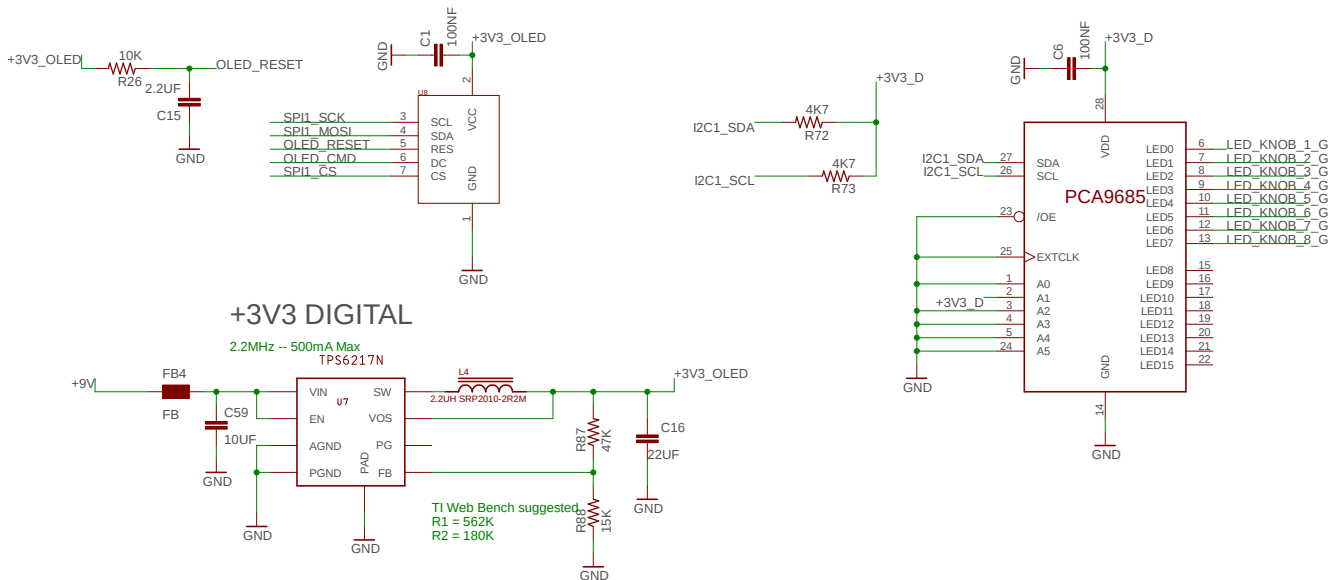
Sheet: 1/5

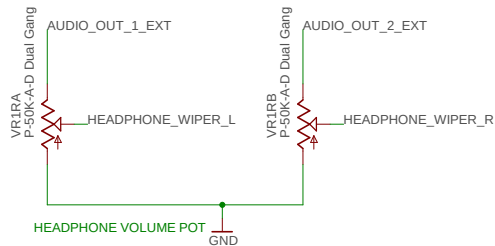


LEDs



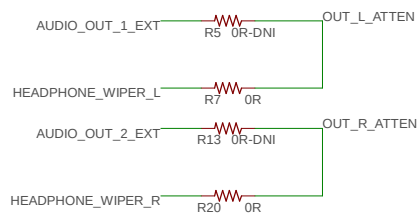
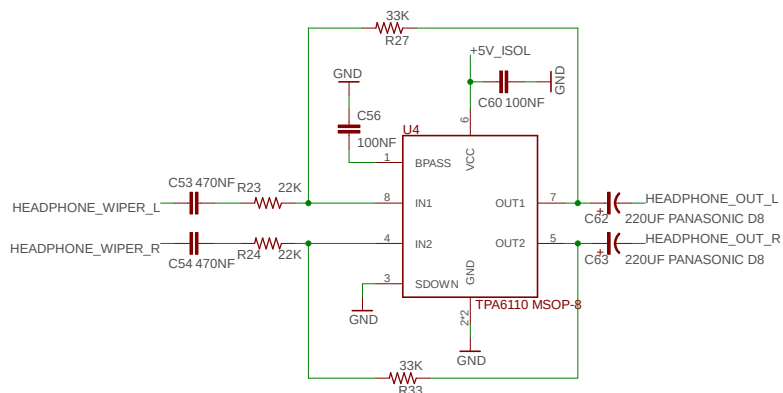
Visual Elements





HEADPHONE AMPLIFIER

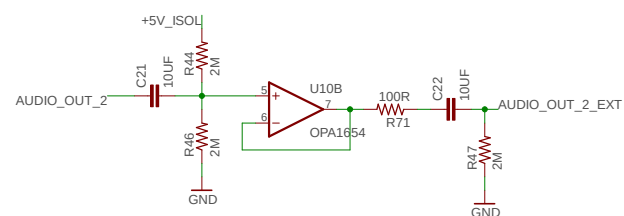
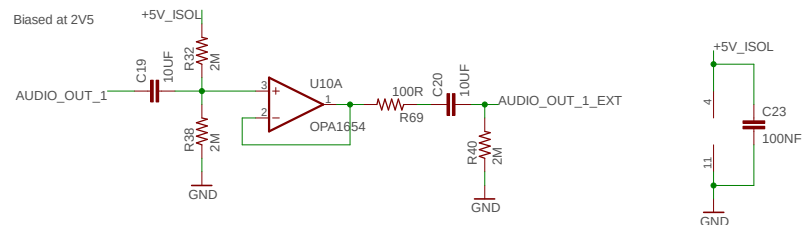
Gain = $33K/22K = 1.5 V/V$



Audio

Buffers the output signal

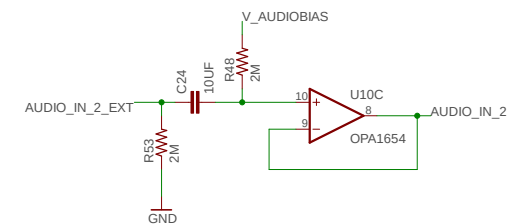
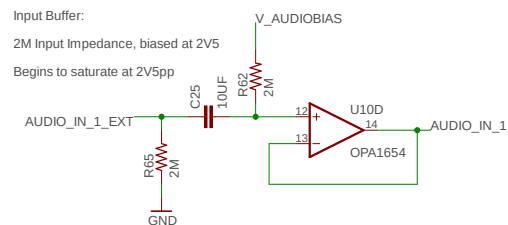
Biased at 2V5



Input Buffer:

2M Input Impedance, biased at 2V5

Begins to saturate at 2V5pp



Power Headers

