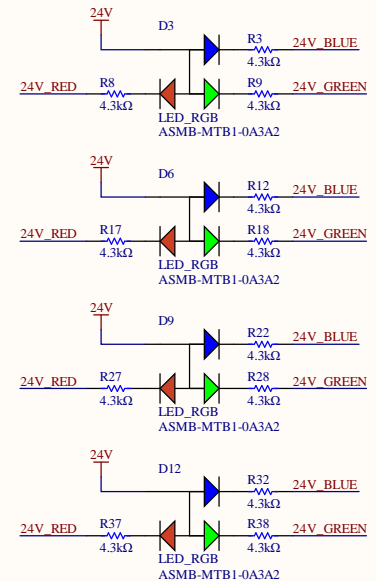
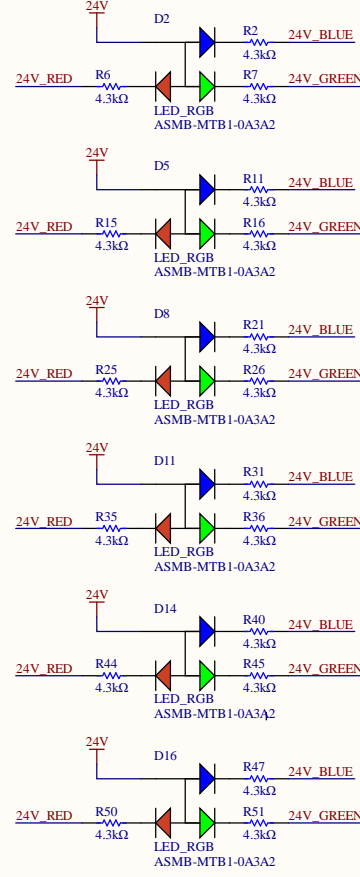
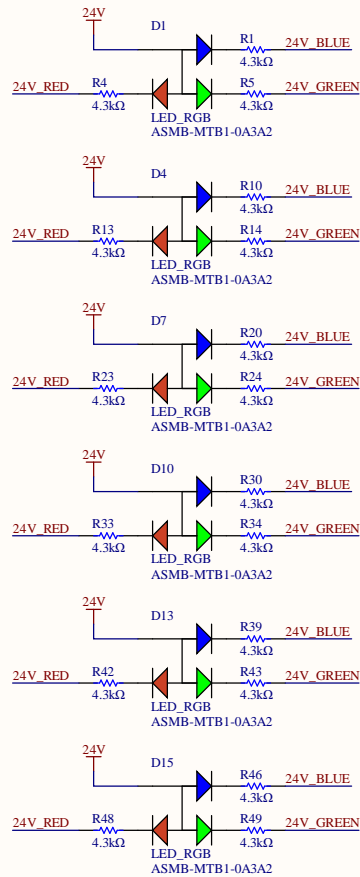
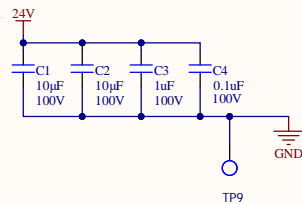
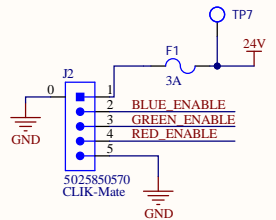
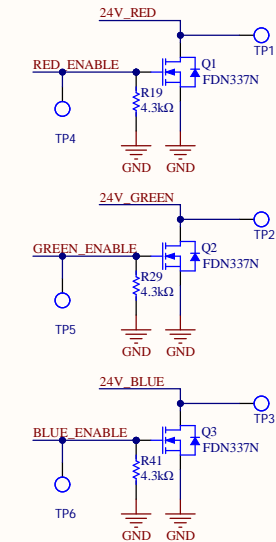


LED Resistance Calculation
 Red LED voltage drop: 2.1V
 Green/Blue LED voltage drop: 3.1V

Resistance for red LEDs:
 $R = (24V - 2.1V)/5mA = 4380 \text{ ohms}$

Resistance for blue & green LEDs:
 $R = (24V - 3.1V)/5mA = 4180 \text{ ohms}$

TODO: Make
 note on power
 calculations for
 1210 resistors



Title: LED Matrix Page 1

Project: LED Matrix.PrjPcb

Rev: 2

Reviewer: Lance Bantoto

Date: 2021-03-22

Engineer: Farris Matar

Sheet: 1 of 2



