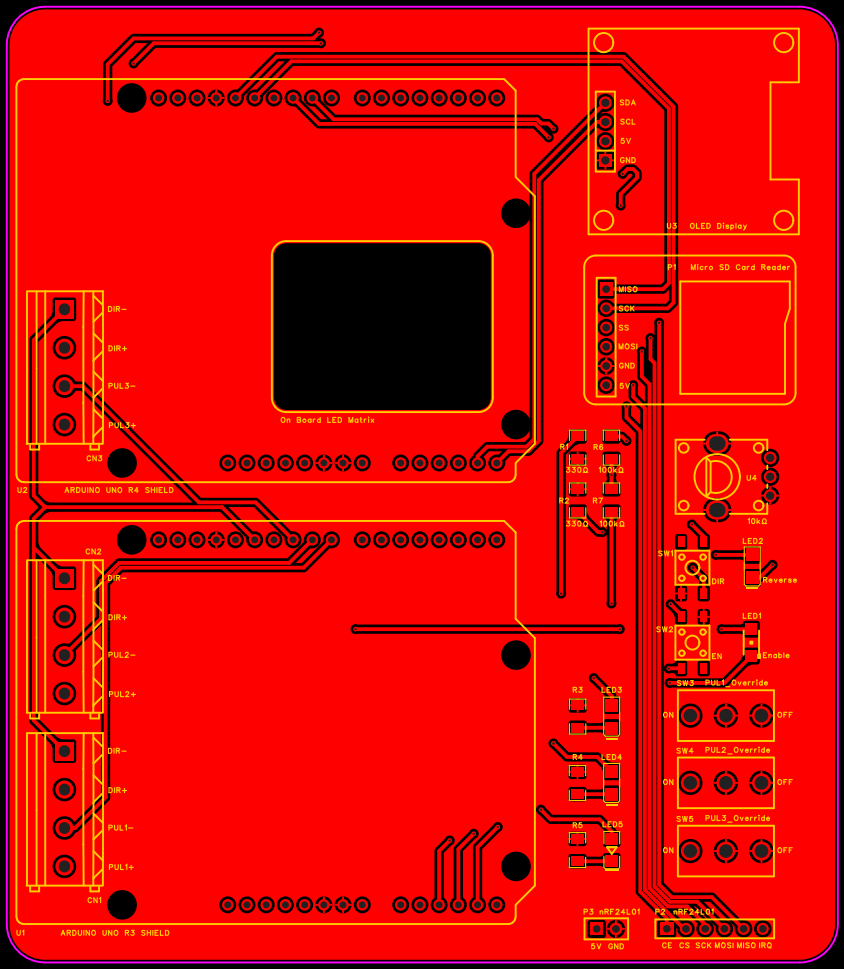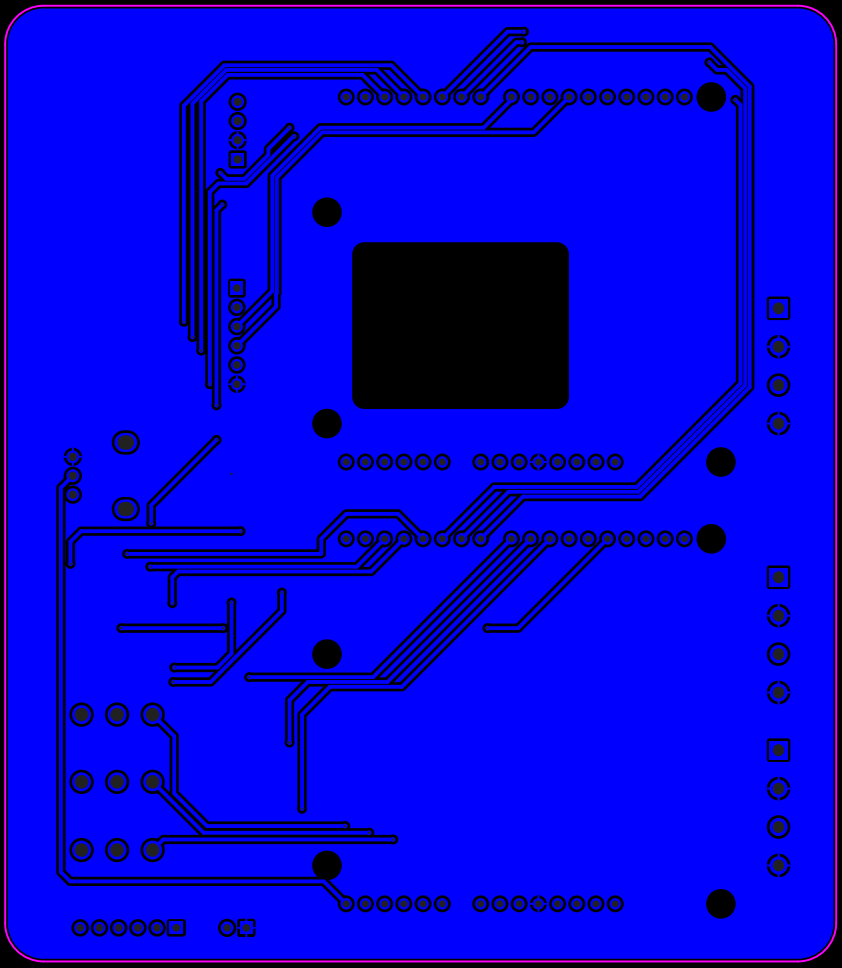
SDA
SCL
5V
GND
U3 OLED Display
J1 Micro SD Card Reader
MISO
SCK
SS
MOSI
GND
5V
On Board LED Matrix
DIR-
DIR+
PUL3-
PUL3+
CN3
U2 ARDUINO UNO R4 SHIELD
R1 330Ω
R6 100kΩ
R2 330Ω
R7 100kΩ
U4 10kΩ
SW1 DIR
LED2 Reverse
SW2 EN
LED1 Enable
CN2
DIR-
DIR+
PUL2-
PUL2+
DIR-
DIR+
PUL1-
PUL1+
CN1
U1 ARDUINO UNO R3 SHIELD
R3 LED3
R4 LED4
R5 LED5
SW3 PUL1_Override
ON OFF
SW4 PUL2_Override
ON OFF
SW5 PUL3_Override
ON OFF
P3 nRF24L01
5V GND
P2 nRF24L01
CE CS SCK MOSI MISO IRQ