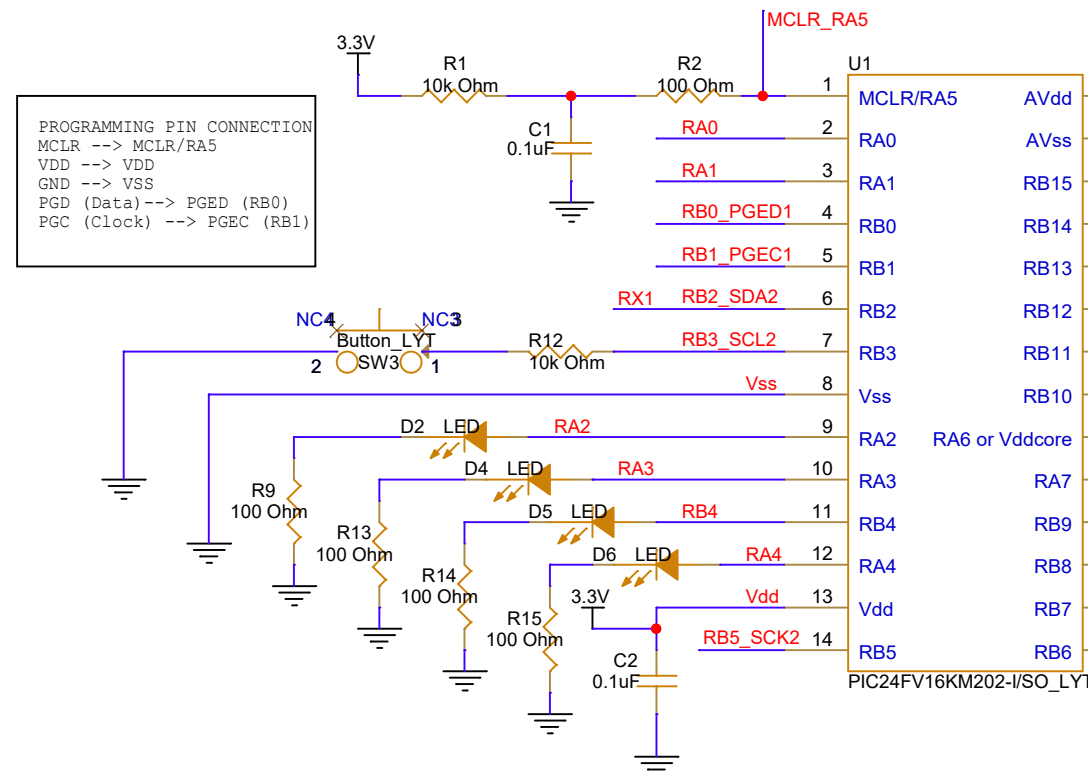
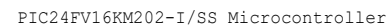
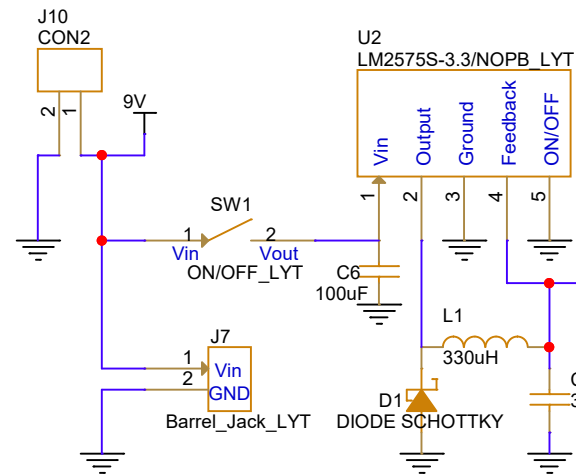
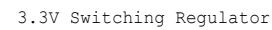


ESP32 CONNECTIONS:

```
TO OLED(SPI):          TO MCU(UART):          TO MCU(Testing):
SDA --> RB2_SDA2      GPIO1/TX0 --> RX1      GPIO23 --> RB13_SDO1
SCL --> RB3_SCL2      GPIO3/RX0 --> TX1      GPIO19 --> RB9_SDI1
                        GPIO18 --> RB11_SCK1
                        GPIO5  --> RB15_SS1
```



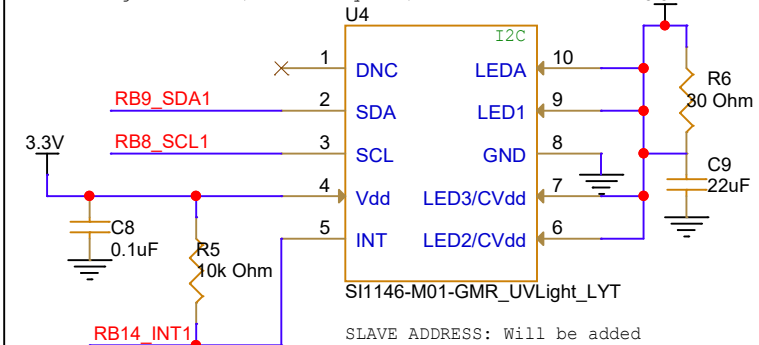
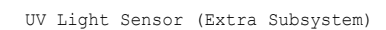
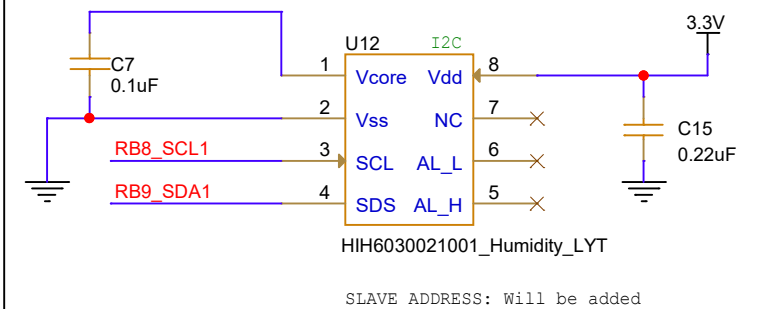
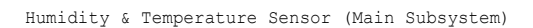
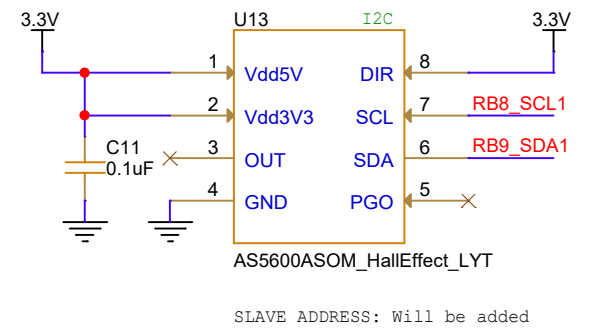
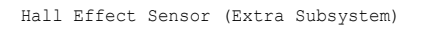
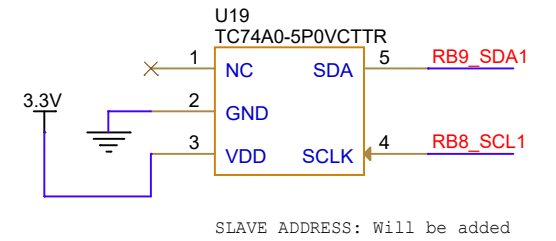
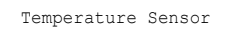
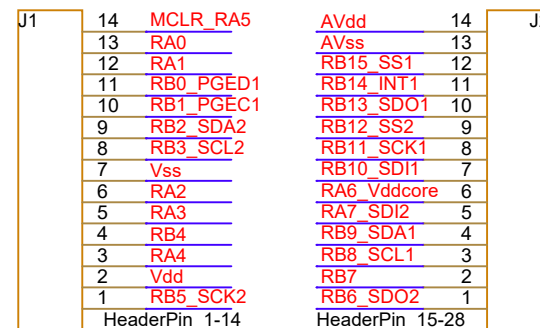
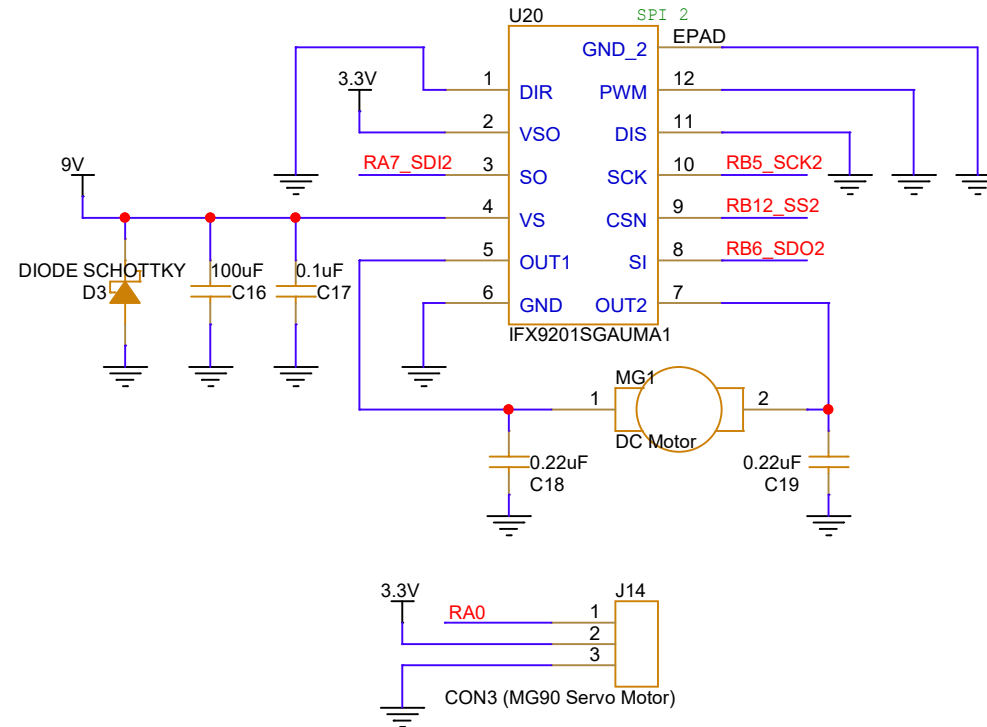
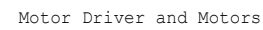
```
TEMPERATURE SENSOR CONNECTION:
SCL --> RB8_SCL1
SDA --> RB9_SDA1
```

MOTOR DRIVER CONNECTION:
SDI (SI) --> RB6_SDO2
SDO (SO) --> RA7_SDI2
SCK --> RB5_SCK2
CS --> RB12

```
HUMIDITY SENSOR CONNECTION:
SCL --> RB8_SCL1
SDA --> RB9_SDA1
```

```
UV LIGHT SENSOR CONNECTION:
SCL --> RB8_SCL1
SDA --> RB9_SDA1
```

```
HALL EFFECT SENSOR CONNECTION:
SCL --> RB8_SCL1
SDA --> RB9_SDA1
```



Title	EGR314_SubsystemDesign_Team205_LuYanTan
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B	<Doc>	<RevCod

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