Controls

File: Controls.kicad_sch

Power and Microcontroller

File: PowerandMicrocontroller.kicad_sch

I2C Communication and Indicators

File: I2CCommunicationandIndicators.kicad_sch

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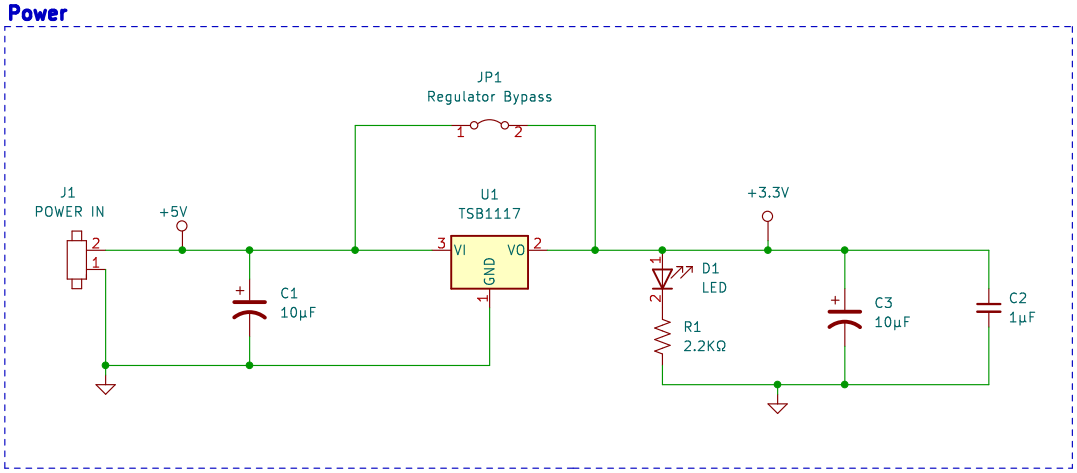
Sheet: /
File: PeripheralControl_PCB.kicad_sch

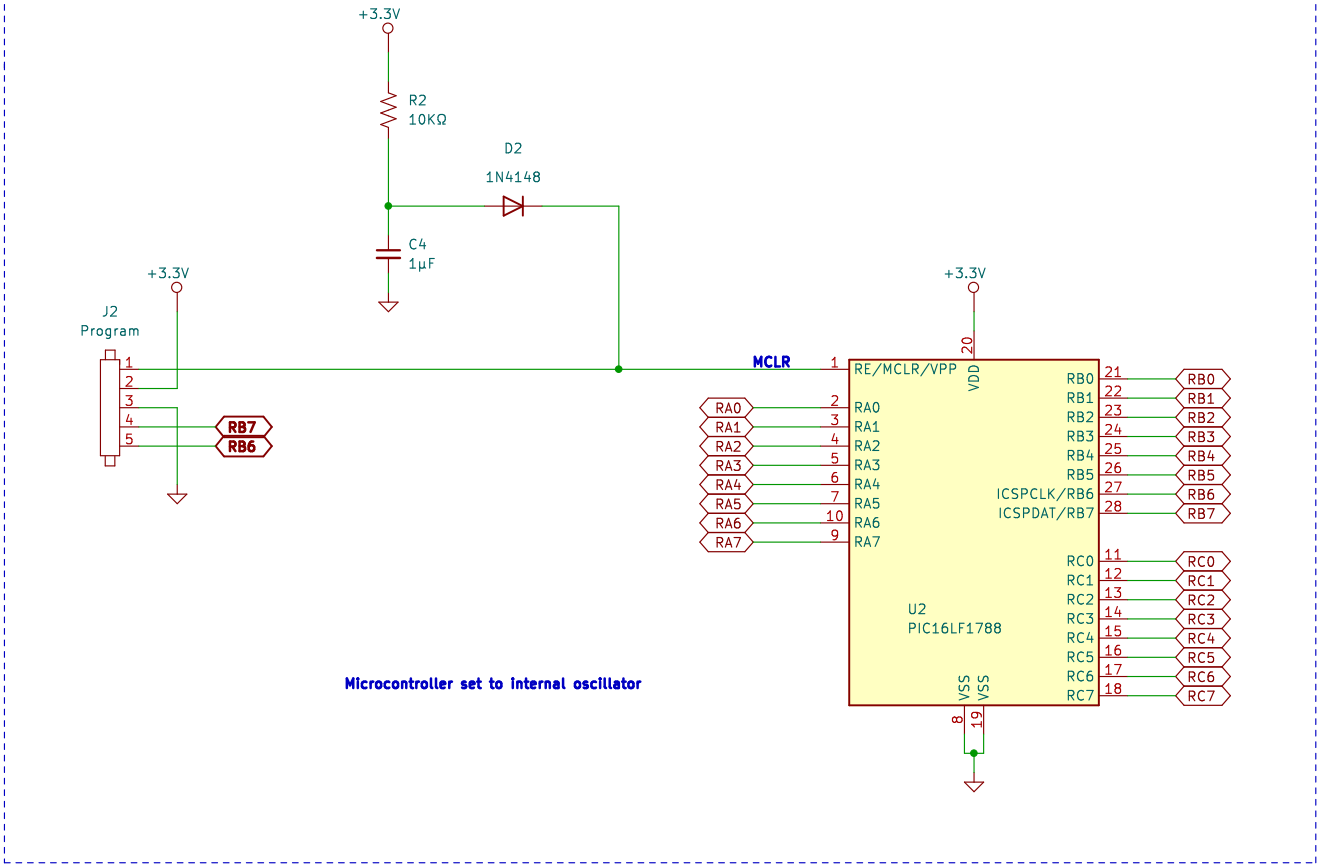
Title: Peripheral Control PCB Deisgn

Size: A	Date: 2023-12-08	**Rev: A**
KiCad E.D.A. kicad (6.0.0)		Id: 1/4

Power



PIC16LF1788 Microcontroller



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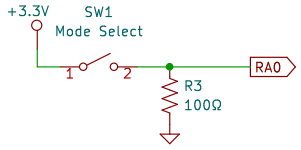
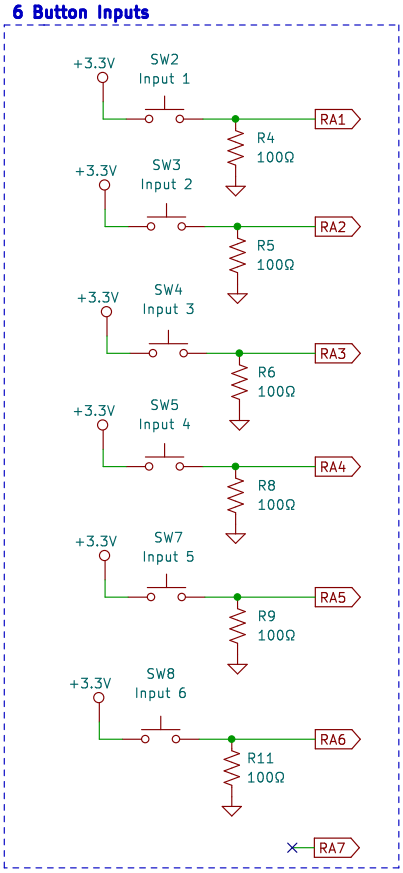
Mode Select

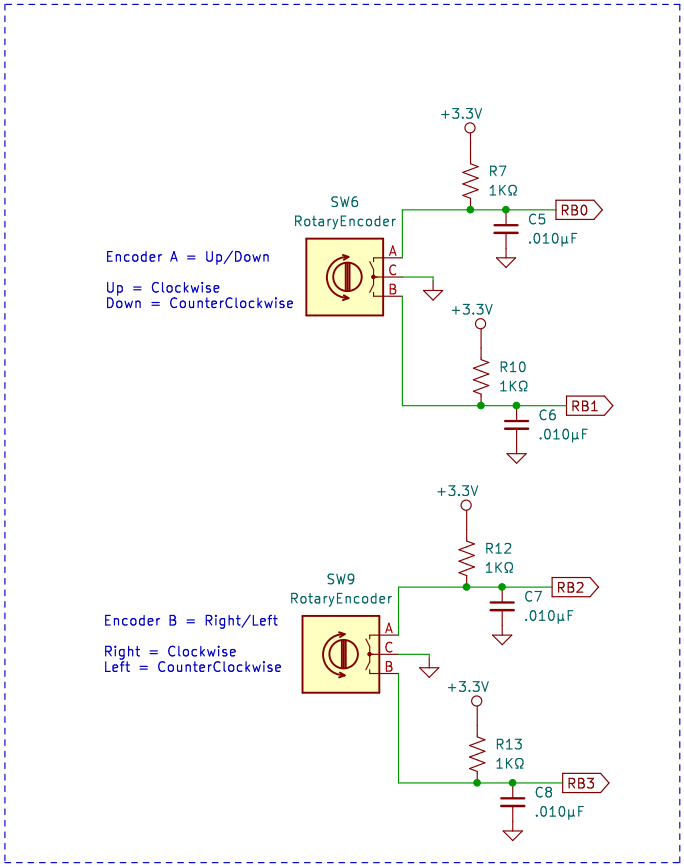


Mode Select Low = Input Switches Enabled
Mode Select High = Input Switches Disabled
Full LED array on

6 Button Inputs



2 Encoders



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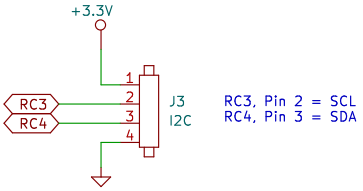
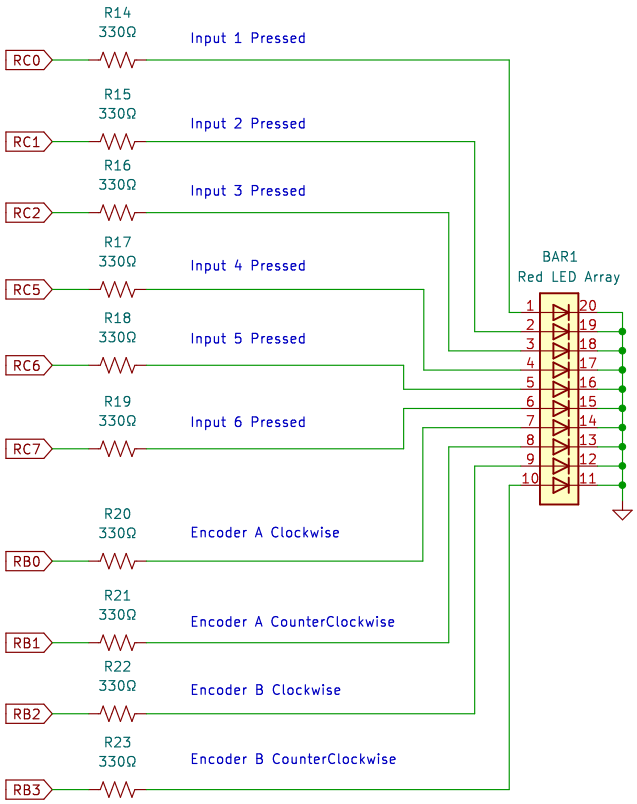
Peripheral I2C Communication



***Perpherial devices do not use pull up resistors on the I2C port**

LED Indicators



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KiCad E.D.A. kicad (6.0.0)		Id: 4/4