Thermal Camera

02. POS12 Input	POS12_Input File: POS12_Input.kicad_sch	14.	PIC32MZ DA Power	PIC32MZ DA Power File: PIC32MZ_DA_Power.kicad_sch
03. POS12 Telemetry	POS12 Telemetry File: POS12_Telemetry.kicad_sch	15.	PIC32MZ DA 1	PIC32MZ DA 1 File: PIC32MZ_DA_1.kicad_sch
04. POS3P3 Power Supply	POS3P3 Power Supply File: POS3P3_Power_Supply.kicad_sch	16.	PIC32MZ DA 2	PIC32MZ DA 2 File: PIC32MZ_DA_2.kicad_sch
05. POS3P3 Telemetry	POS3P3 Telemetry File: POS3P3_Telemetry.kicad_sch	17.	External Storage	External Storage File: External_Storage.kicad_sch
06. POS1P8 Power Supply	POS1P8 Power Supply File: POS1P8_Power_Supply.kicad_sch	18.	Graphic LCD	Graphic LCD File: Graphic_LCD.kicad_sch
07. POS1P8 Telemetry	POS1P8 Telemetry File: POS1P8_Telemetry.kicad_sch	19.	USB UART	USB UART File: USB_UART.kicad_sch
08. POS3PO Power Supply	POS3PO Power Supply File: POS3PO_Power_Supply.kicad_sch	20.	Elapsed Time Counter	Elapsed Time Counter File: Elapsed_Time_Counter.kicad_sch
99. POS2P8 Telemetry	POS2P8 Power Supply File: POS2P8_Power_Supply.kicad_sch	21.	FLIR Lepton Sensor	FIIR Lepton Sensor File: FLIR_Lepton_Sensor.kicad_sch
10. POS1P2 Power Supply	POS1P2 Power Supply File: POS1P2_Power_Supply.kicad_sch	22.	USB Hub	USB Hub File: USB_Hub.kicad_sch
11. Battery Management	Battery Management File: Battery_Management.kicad_sch	23.	PGOOD LEDs	PGOOD LEDs File: PGOOD_LEDs.kicad_sch
.2. PIC32MZ DA Programming	PIC32MZ DA Programming File: PIC32MZ_DA_Programming.kicad_sch		Status LEDs	Status LEDs File: Status_LEDs.kicad_sch
13. PIC32MZ DA Clocking	PIC32MZ DA Clocking File: PIC32MZ_DA_Clocking.kicad_sch	25.	Mechanical	Mechanical File: Mechanical.kicad_sch

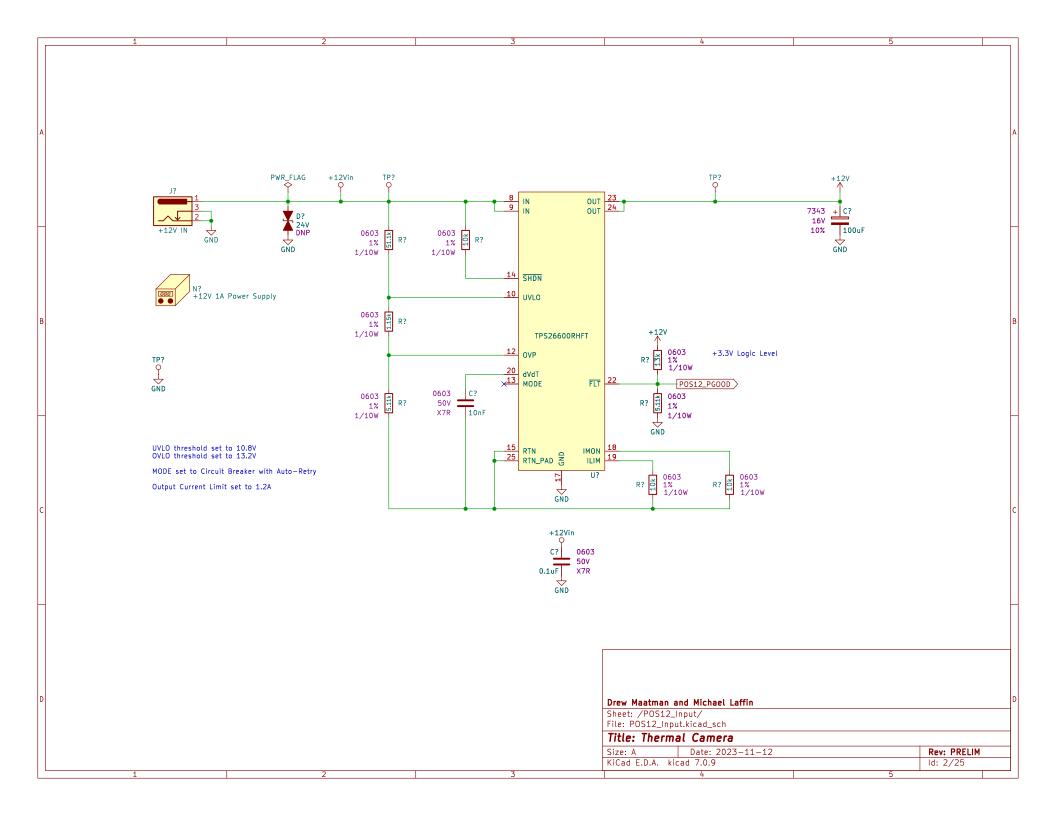
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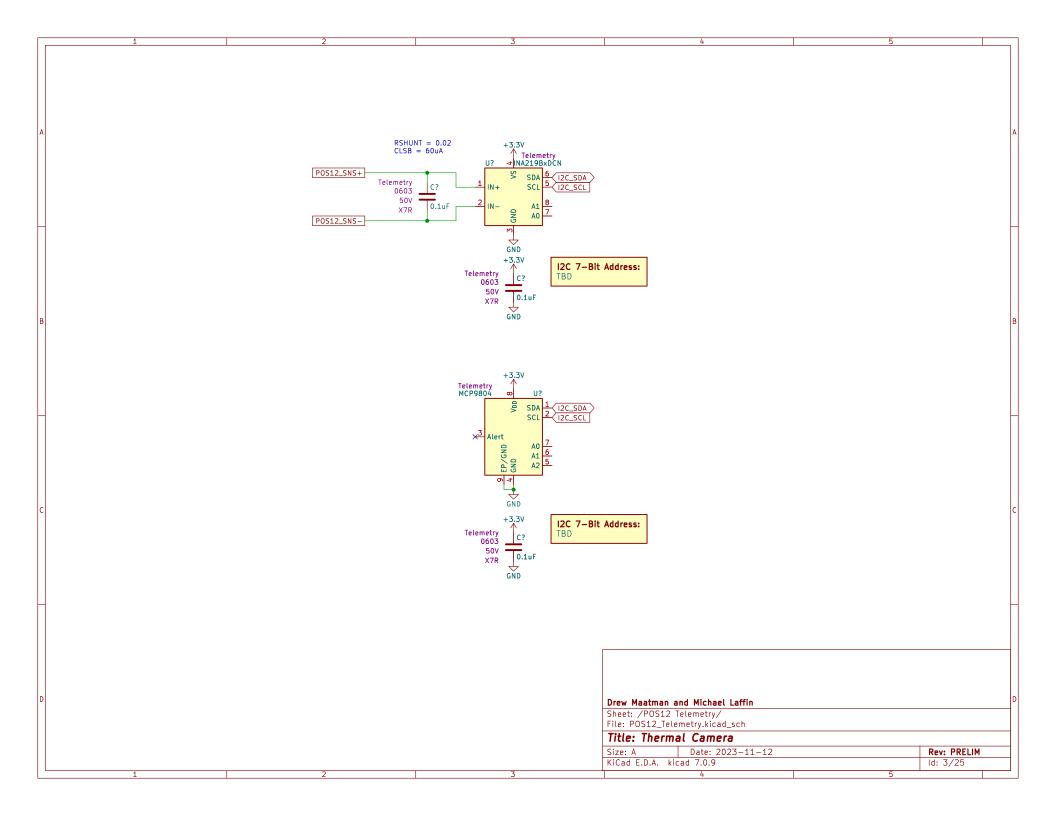
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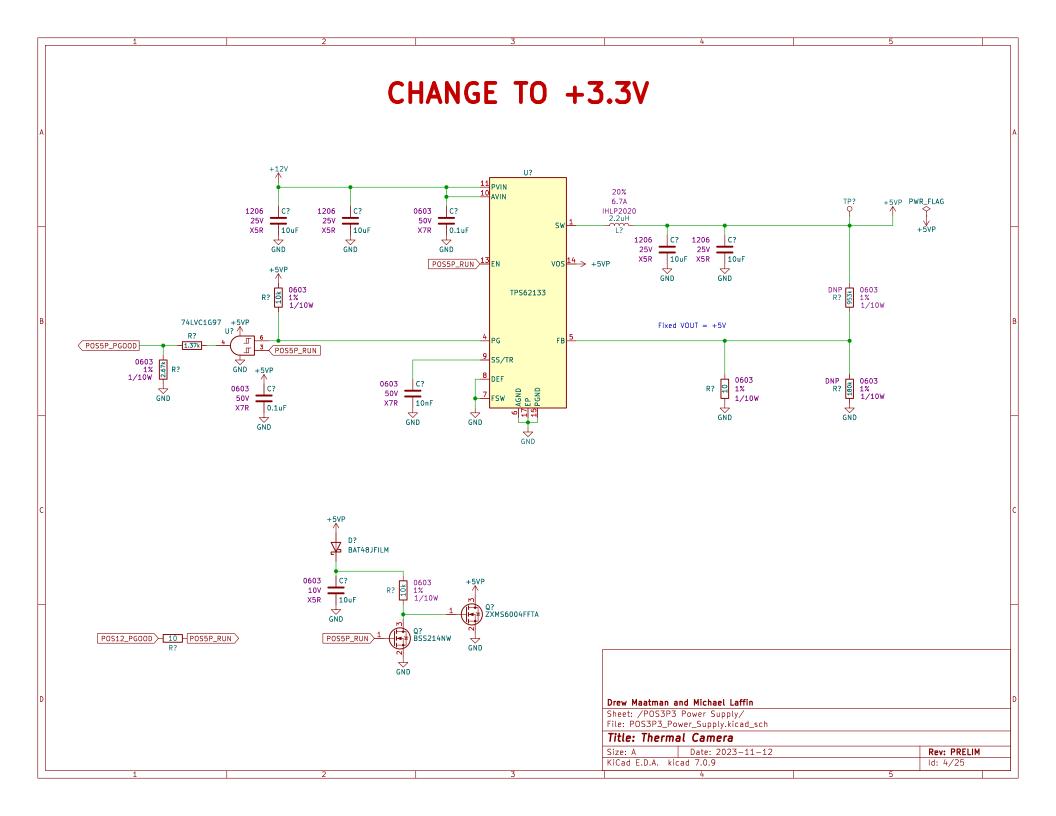
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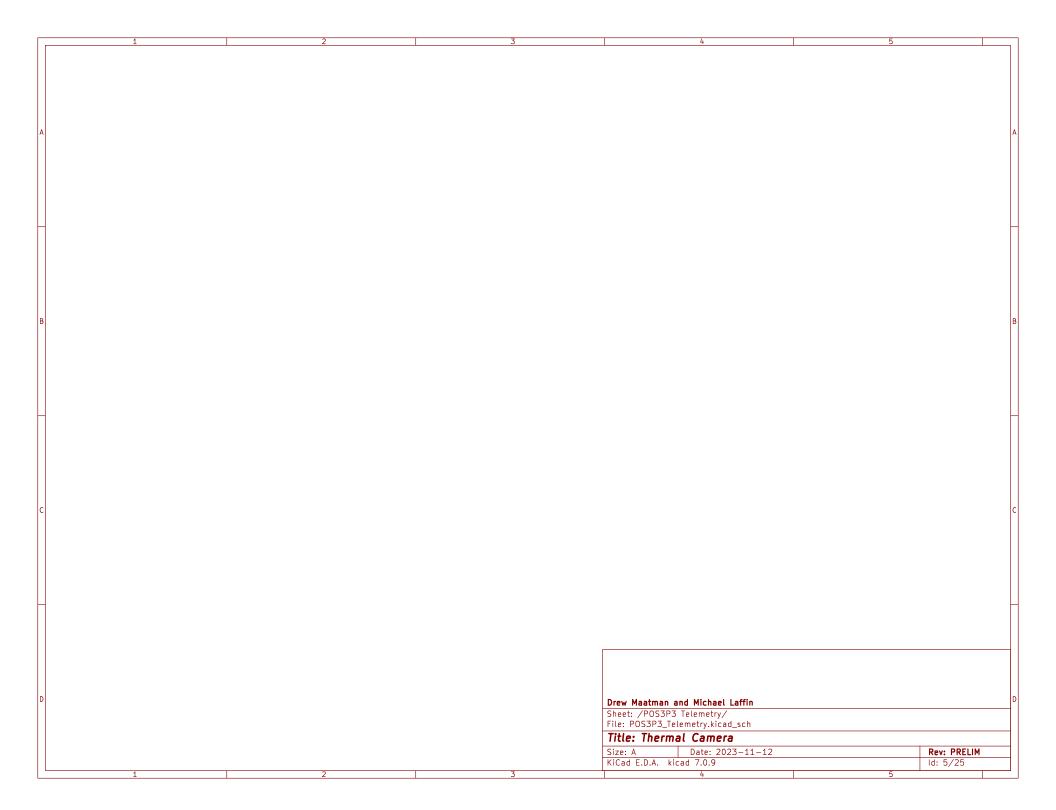
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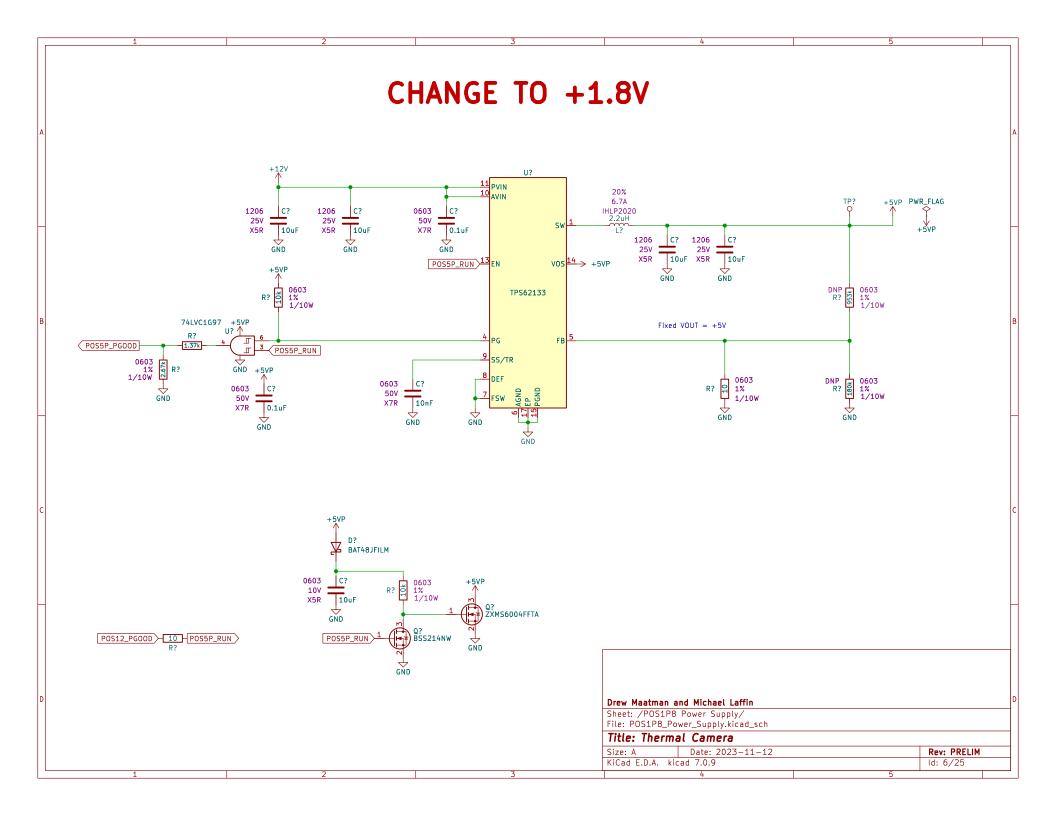
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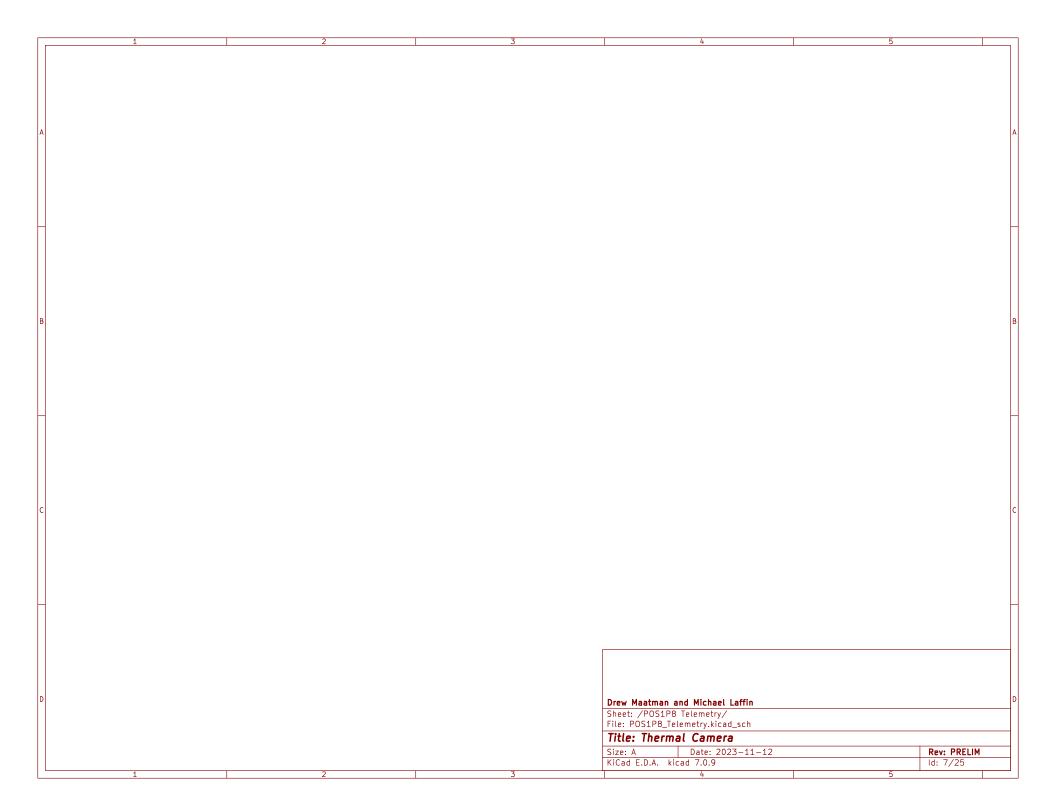


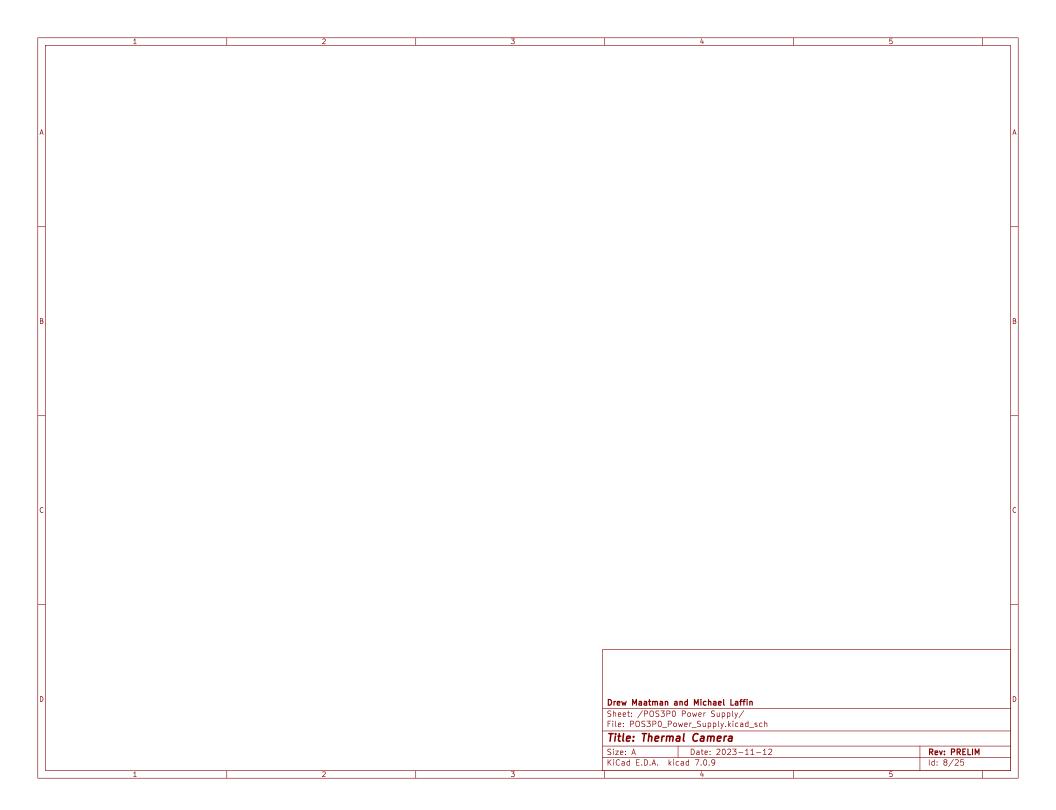




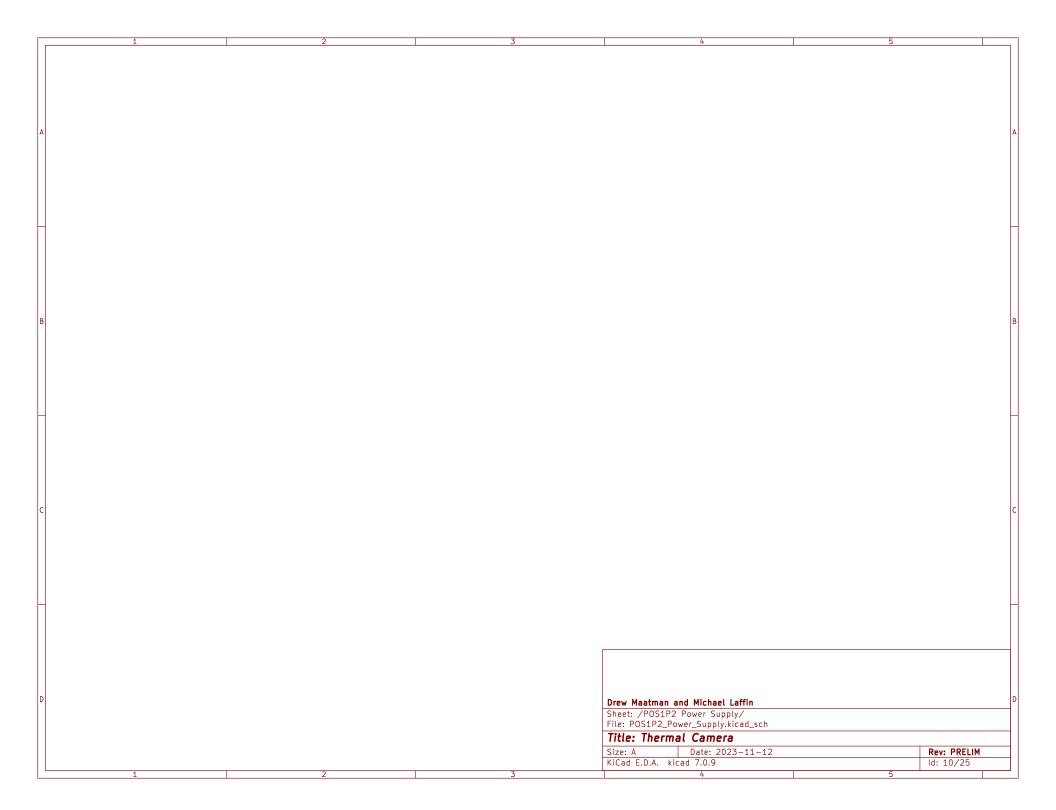


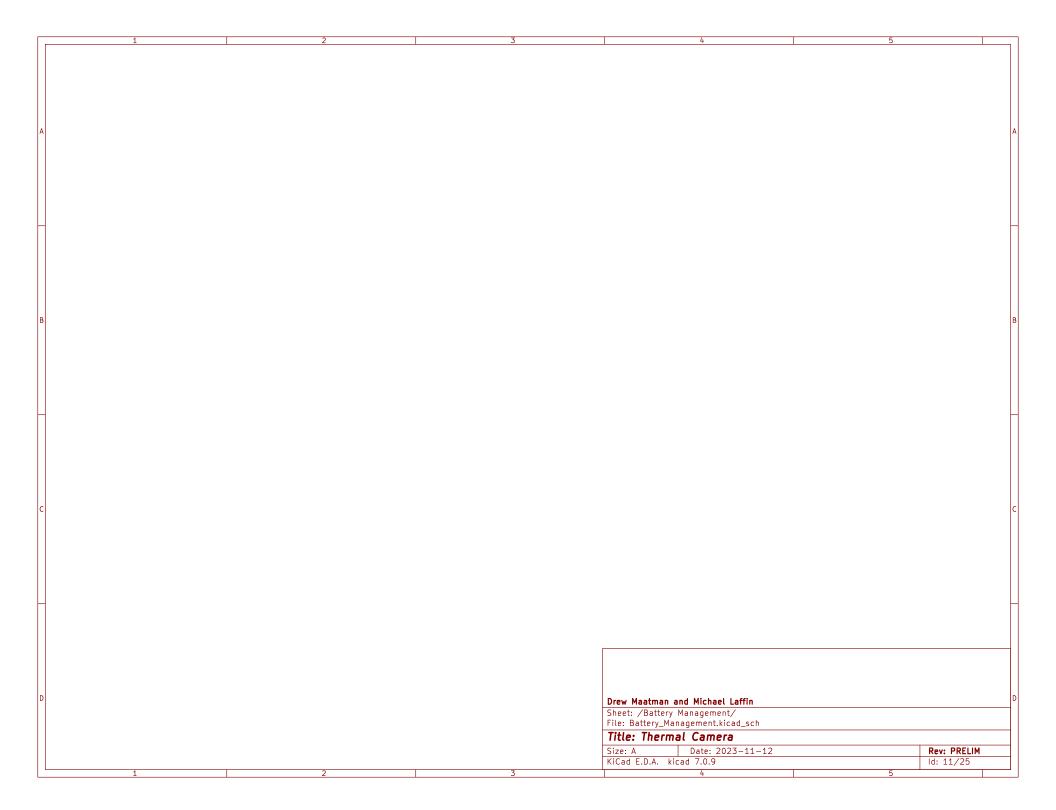




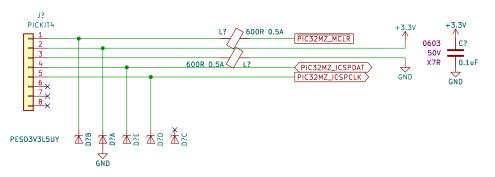


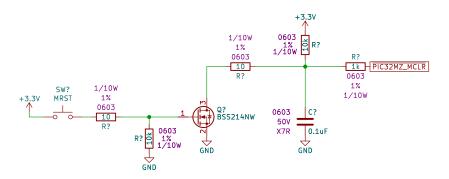
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Sheet: /PIC32MZ DA Programming/ File: PIC32MZ_DA_Programming.kicad_sch

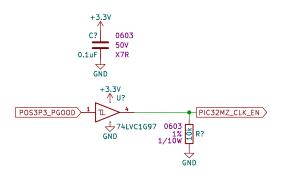
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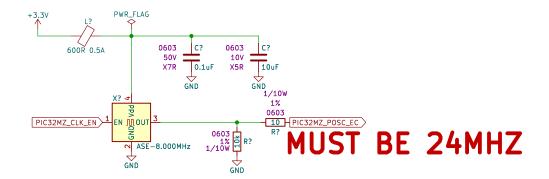
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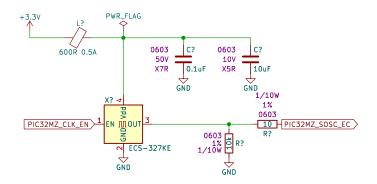
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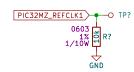
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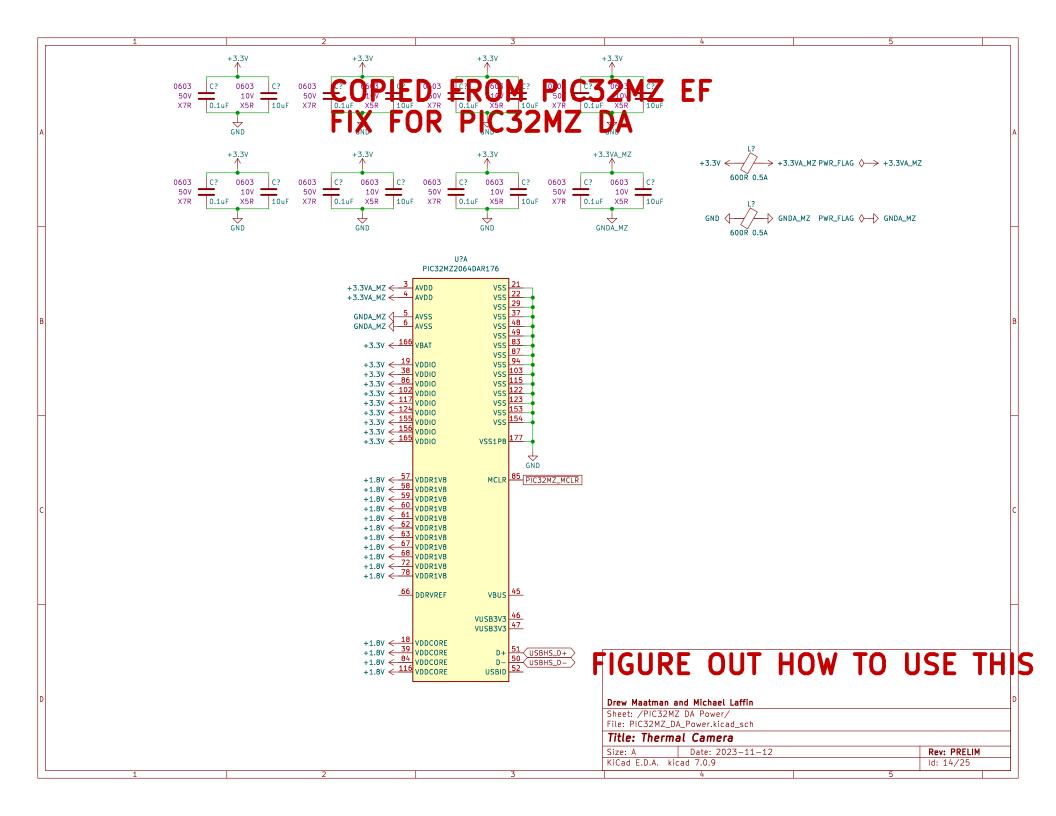
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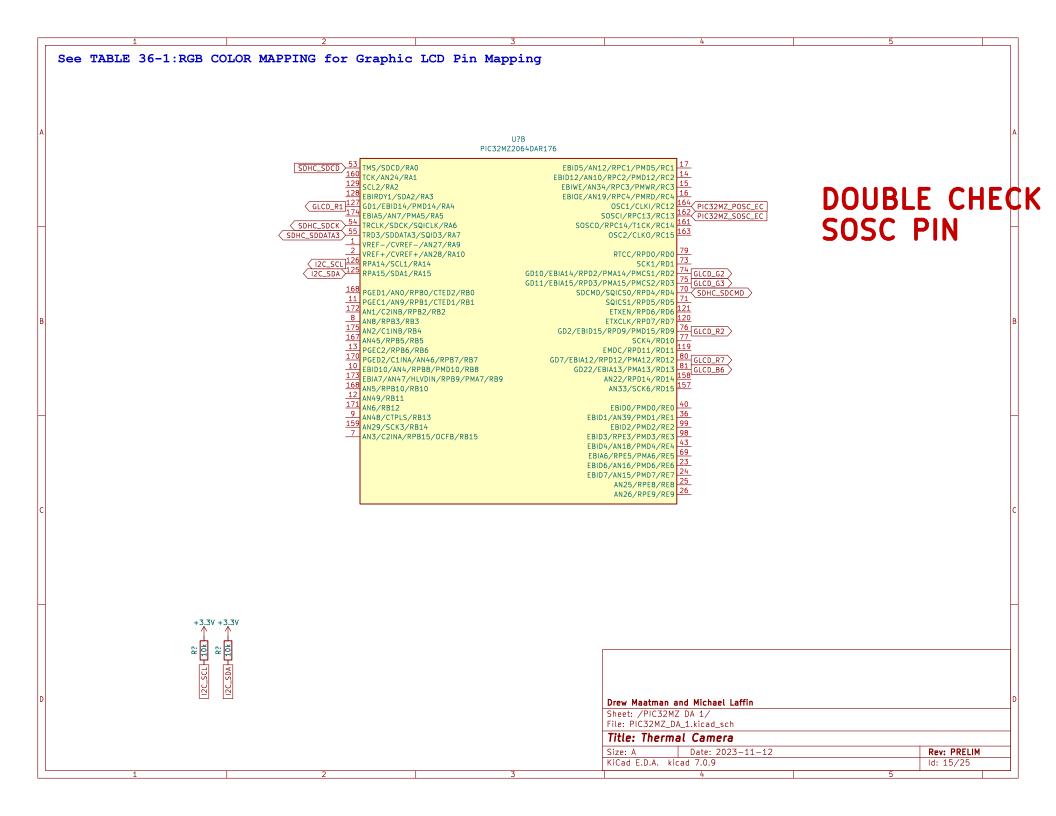
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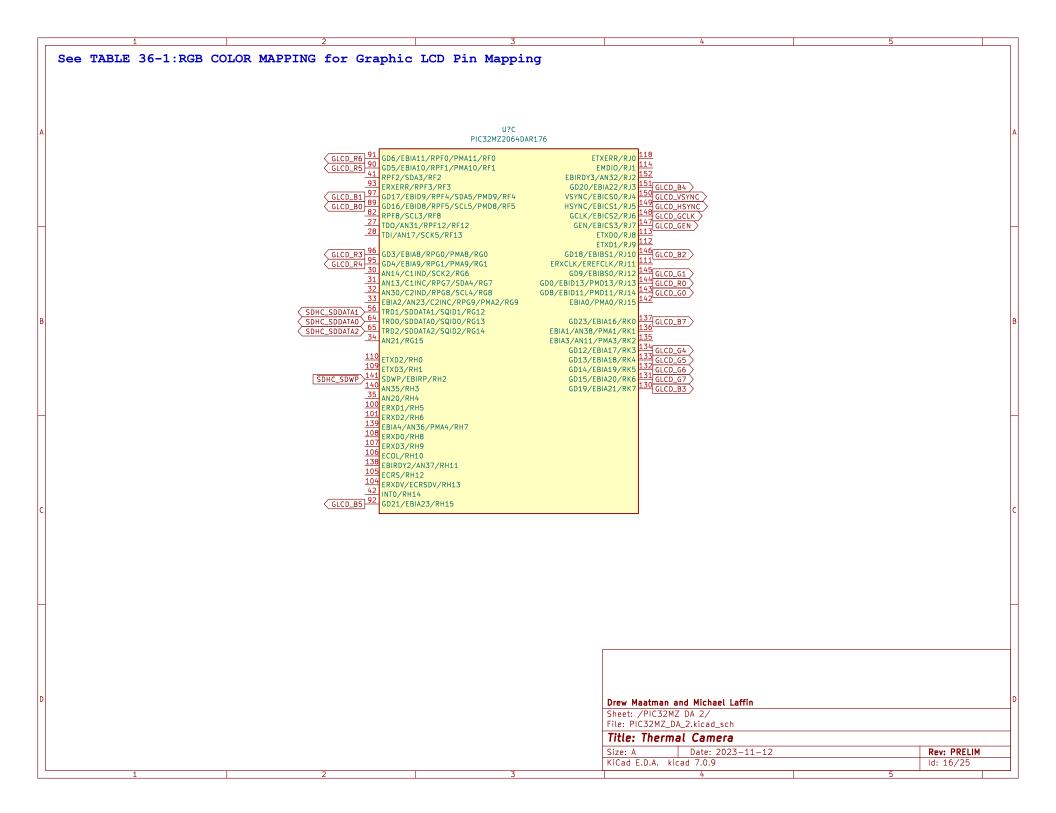
| Title: Thermal Camera

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 Rev: PRELIM

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 Id: 13/25







SDHC_SDDATA1
SDHC_SDDATA2
SDHC_SDDATA2

SDHC_SDDATA2

SDHC_SDCD

SDHC_SDCMD

SDHC_SDCK
SDHC_SDDATA3

SD CARD, SQI FLASH

SQI FLASH may not be able to be broken out when PIC is configured for SDHC:
CONSIDER OPTIONS FOR SUPPORTING EITHER

BREAK OUT A SPI TO SD CARD AS INSURANCE

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Sheet: /External Storage/ File: External_Storage.kicad_sch

Title: Thermal Camera

 Size: A
 Date: 2023-11-12
 Rev: PRELIM

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