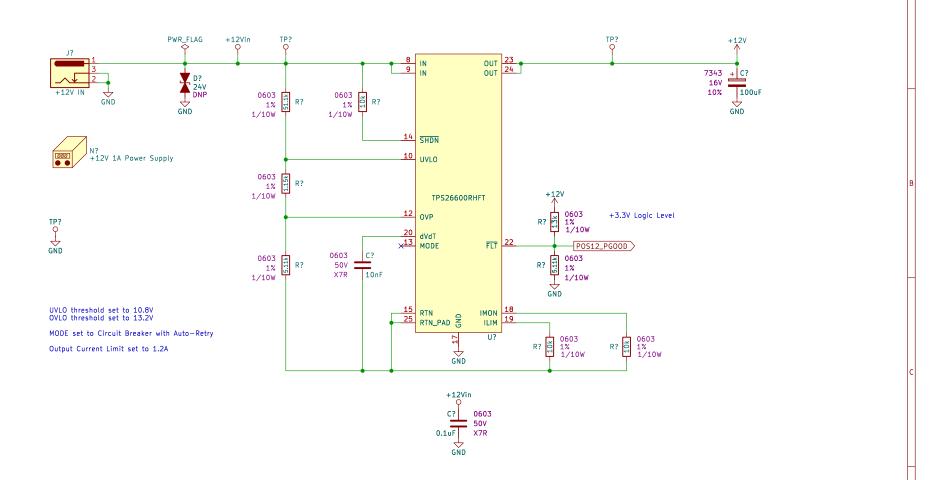
Thermal Camera

THETMAT CAMETA					
	https:	//github.com/drewsum/The	rmal_Camera		
01. Table of Contents					
02. POS12 Input	POS12_Input	14. Battery Management	Battery Management 26. PGOOD LEDs	PGOOD LEDs	
03. POS12 Telemetry	POS12 Telemetry	15. PIC32MZ DA Programming	PIC32MZ DA Programming 27. Status LEDs	Status LEDs	
04. POS3PO Power Supply	POS3PO Power Supply	16. PIC32MZ DA Clocking	PIC32MZ DA Clocking 28. Mechanical	Mechanical	
05. POS3PO Telemetry	POS3PO Telemetry	17. PIC32MZ DA Power	PIC32MZ DA Power		
06. POS1P8 Power Supply	POS1P8 Power Supply	18. PIC32MZ DA 1	PIC32MZ DA 1		
07. POS1P8 Telemetry	POS1P8 Telemetry	19. PIC32MZ DA 2	PIC32MZ DA 2		
08. POS2P8 Power Supply	POS2P8 Power Supply	20. External Storage	External Storage		
09. POS2P8 Telemetry	POS2P8 Telemetry	21. Graphic LCD	Graphic LCD		
10. POS1P2 Power Supply	POS1P2 Power Supply	22. USB UART	USB UART		
11. POS1P2 Telemetry	POS1P2 Telemetry	23. Elapsed Time Counter	Elapsed Time Counter		
12. LCD Backlight Power Supply	LCD Backlight Power Supply	24. FLIR Lepton Sensor	FLIR Lepton Sensor		
13. LCD Backlight Telemetry	LCD Backlight Telemetry	25. USB Hub	USB Hub		
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			File: Thermal_Camera.kicad_sch		
			Title: Thermal Camera Size: A Date: 2023-11-13	Rev: PRELIM	
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Switch to +3.0V logic?



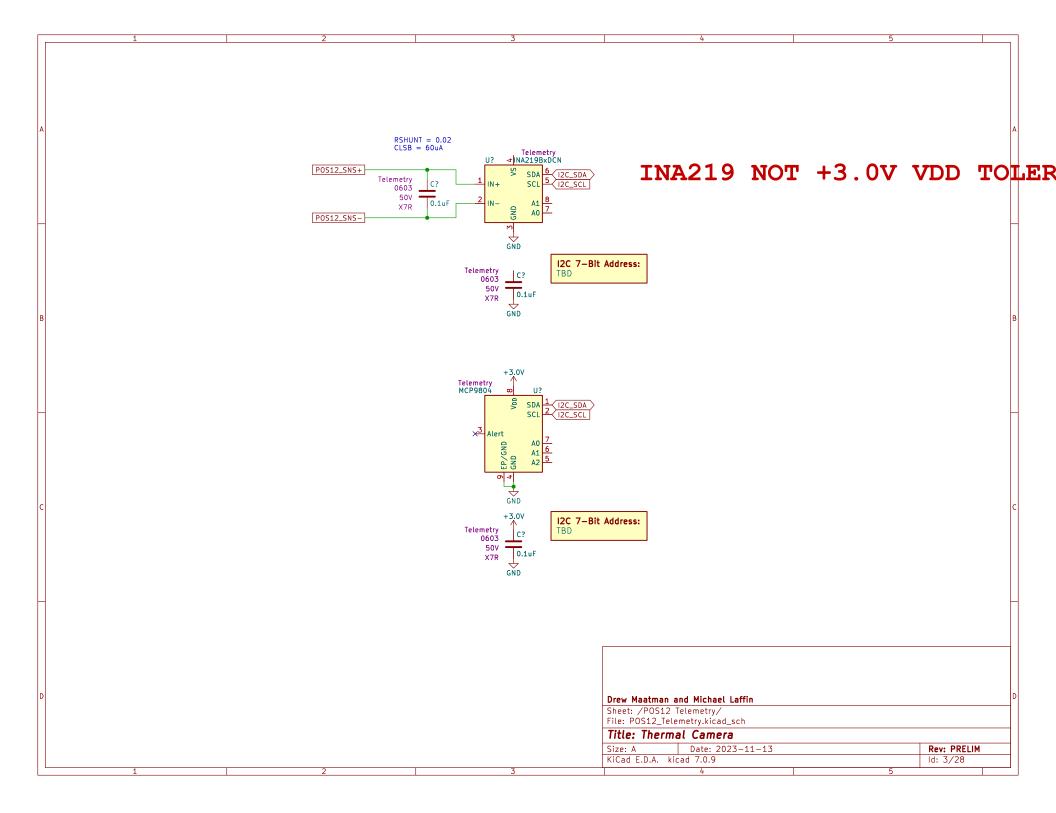
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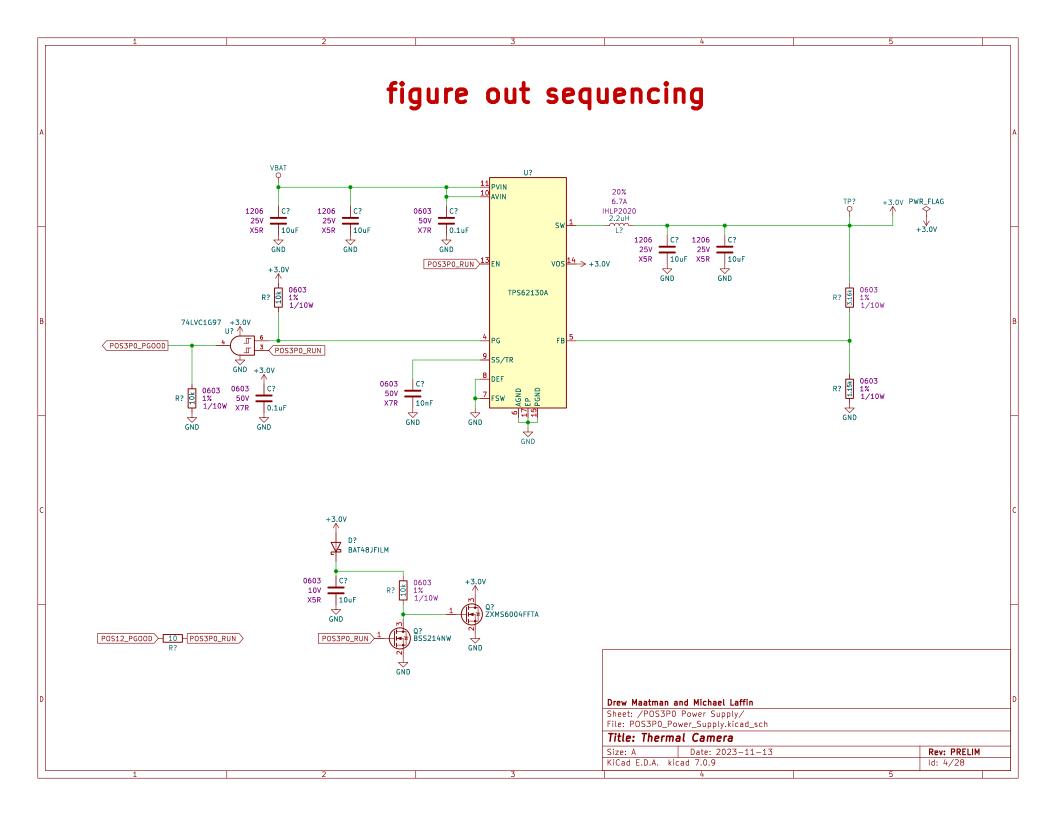
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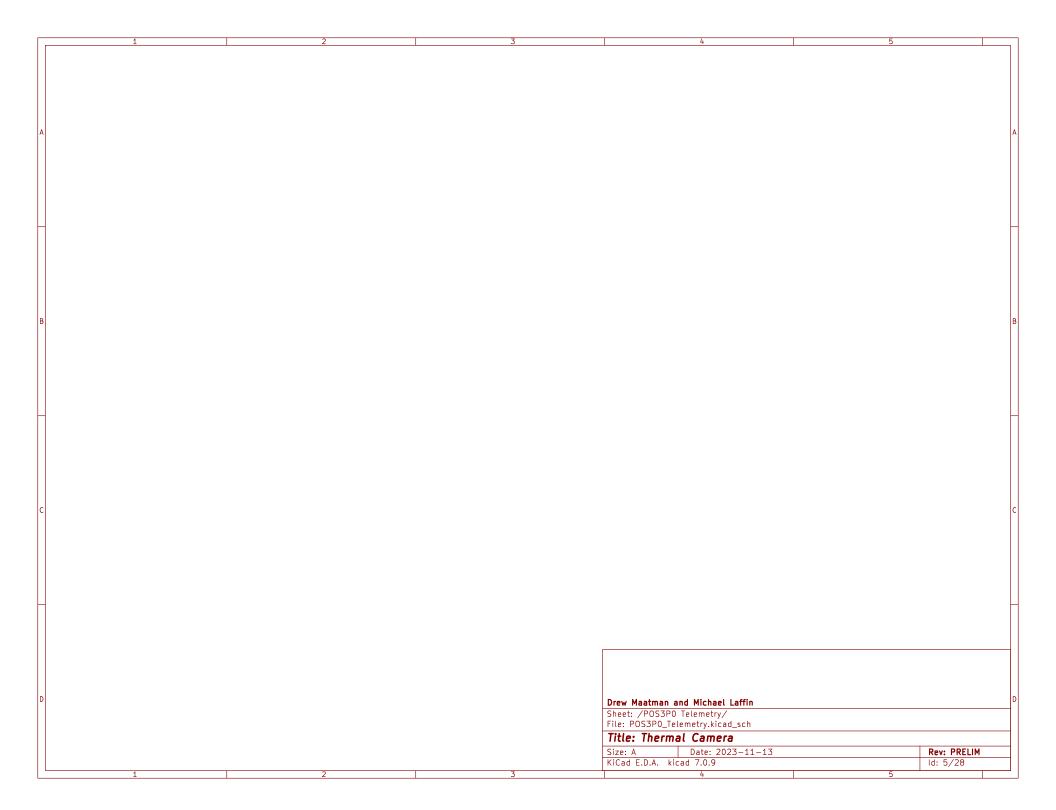
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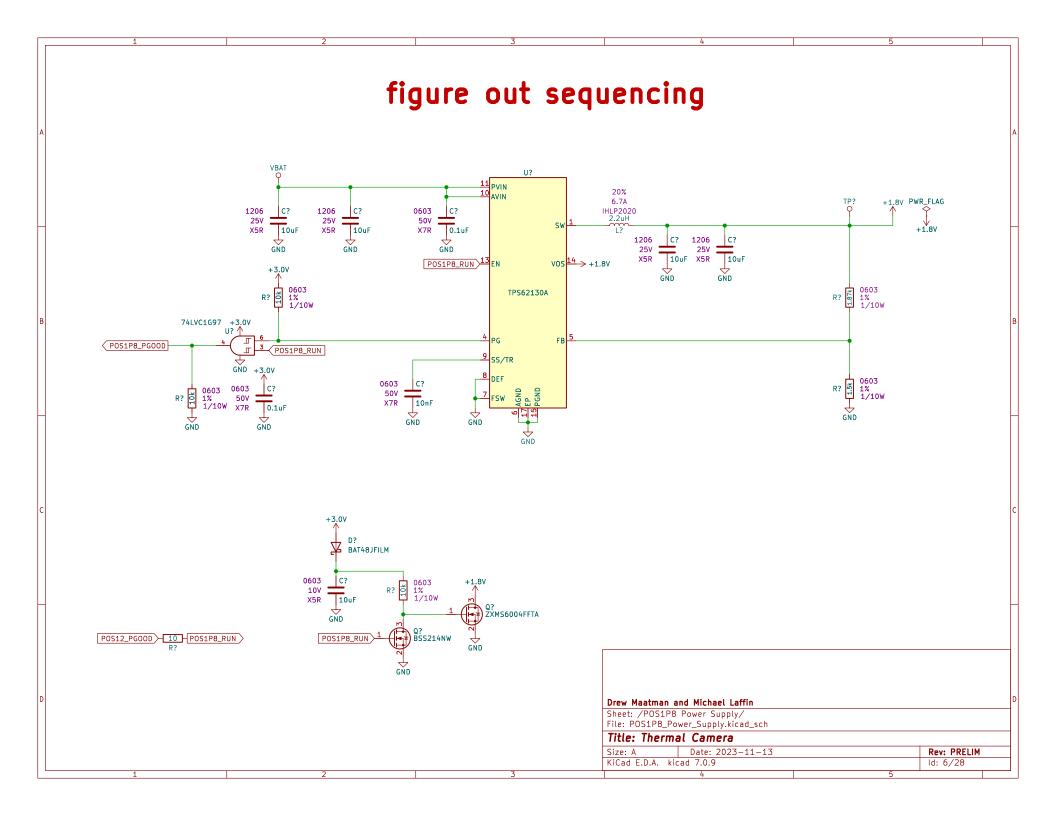
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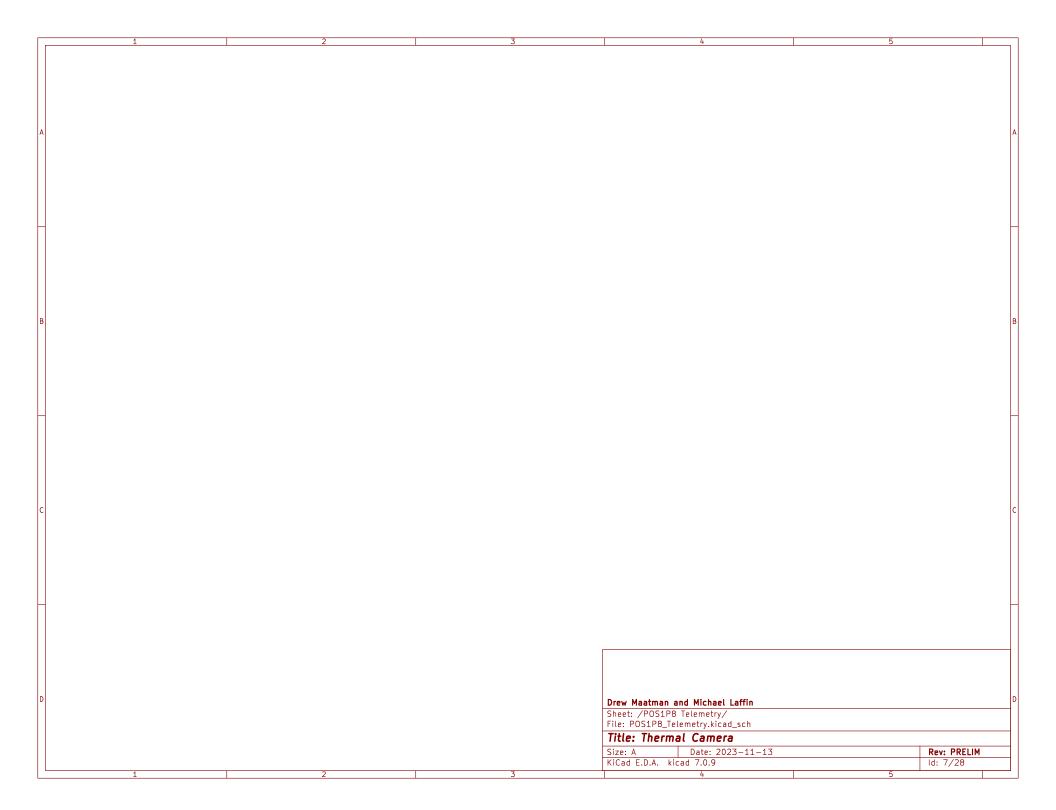
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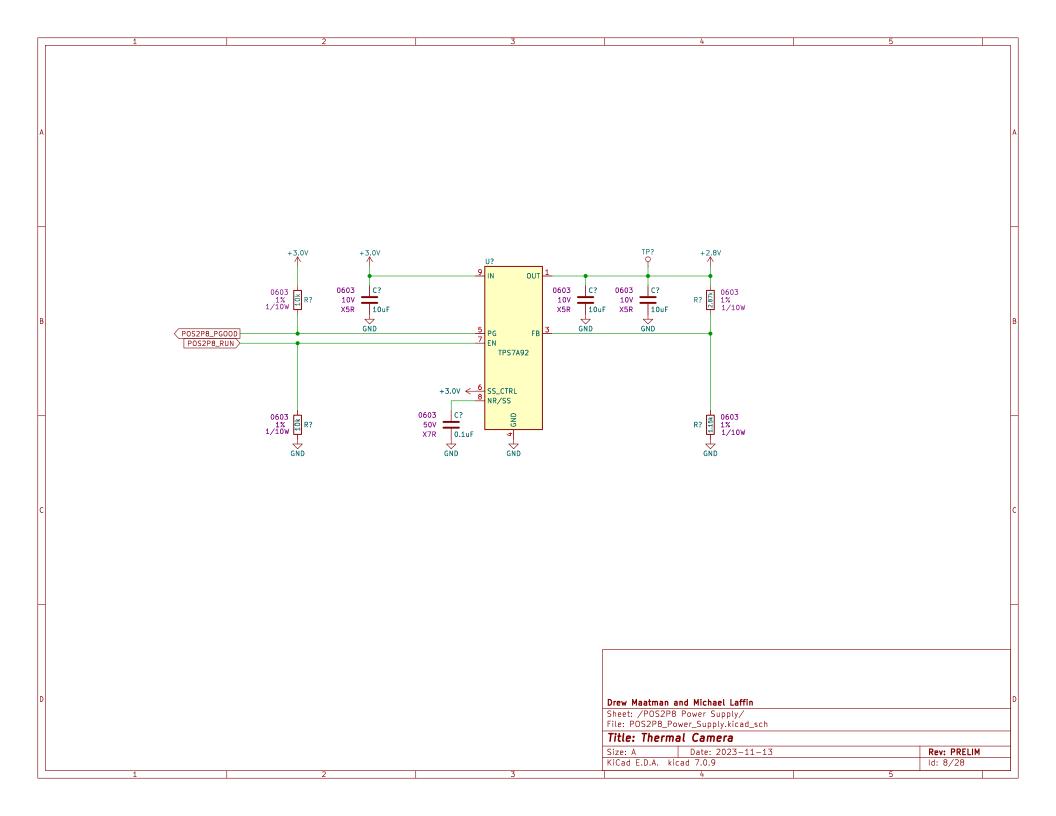


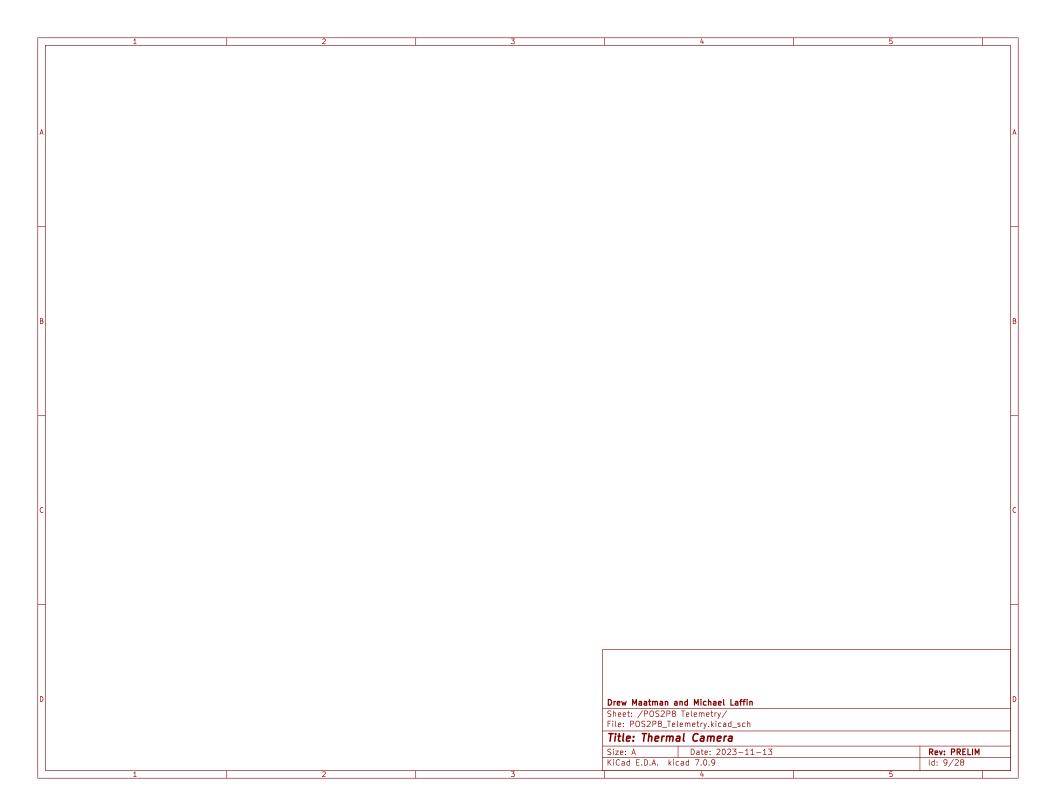


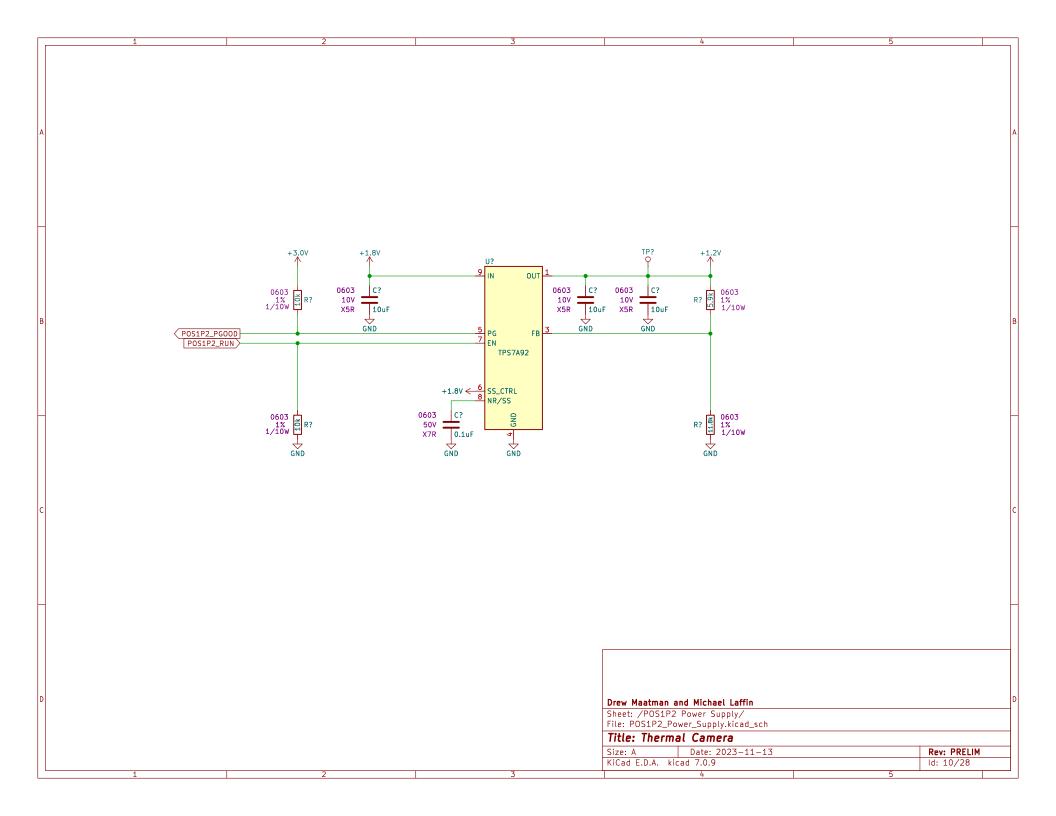


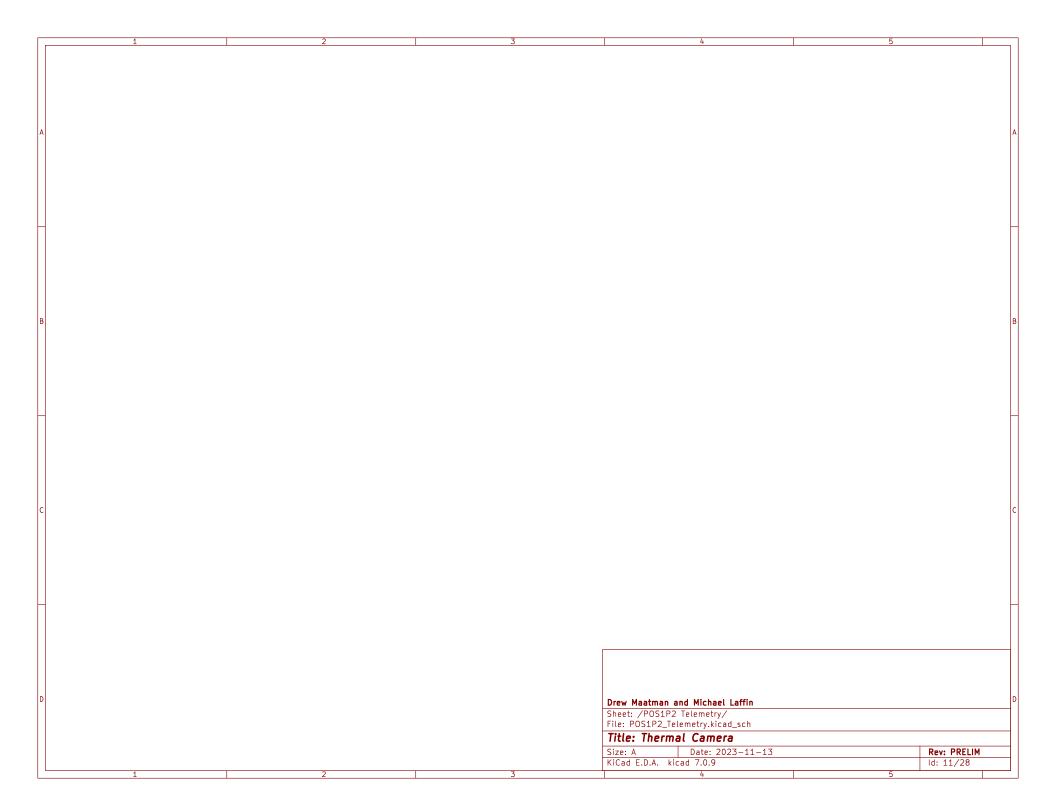




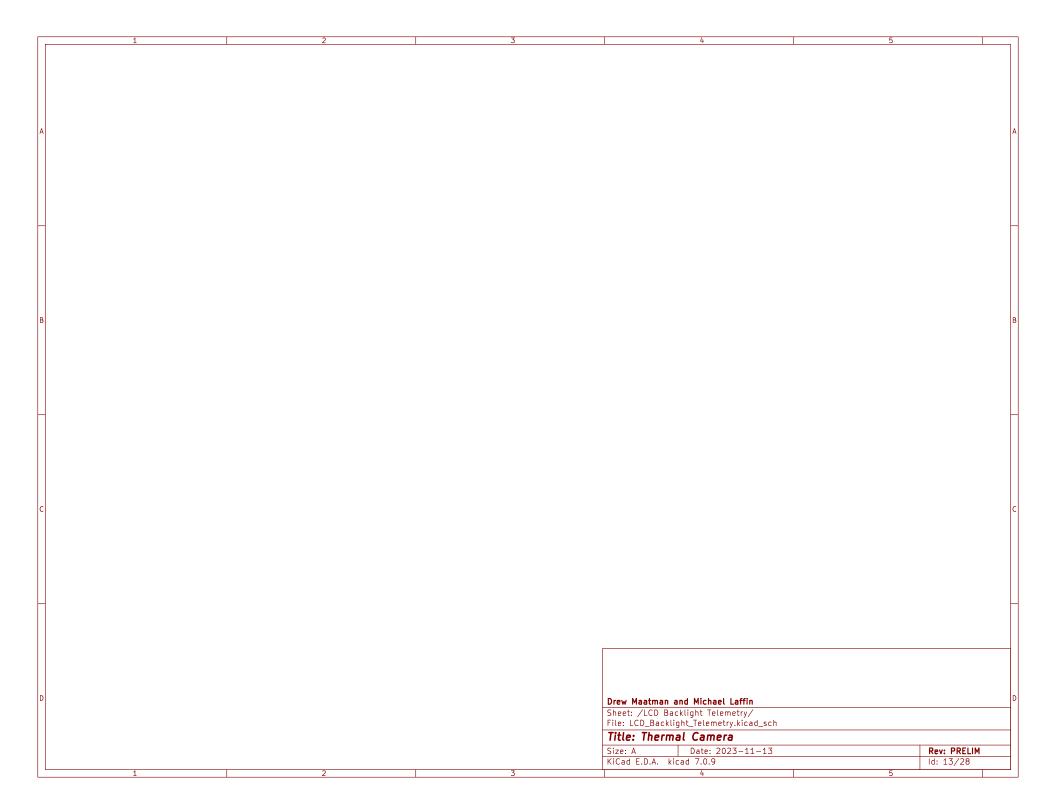


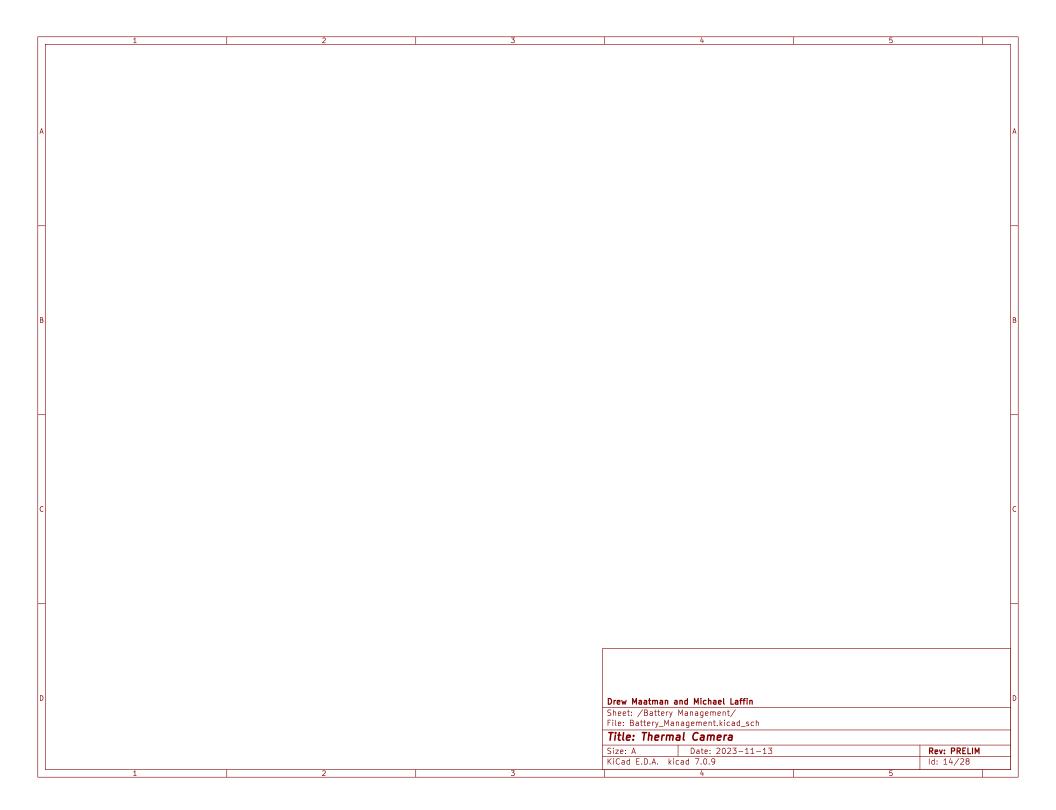




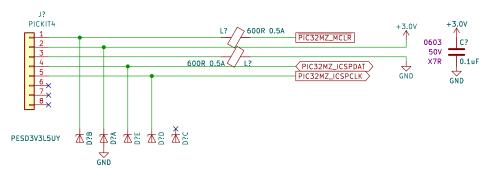


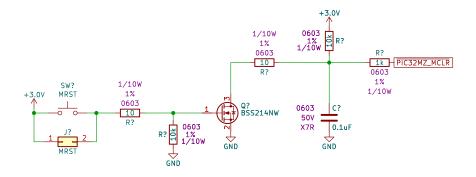
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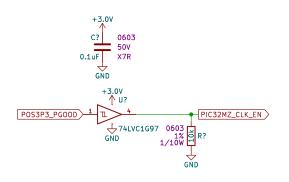
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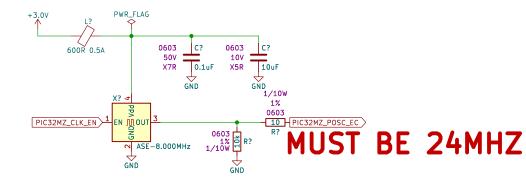
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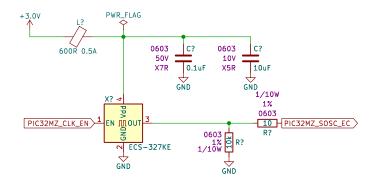
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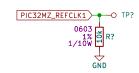
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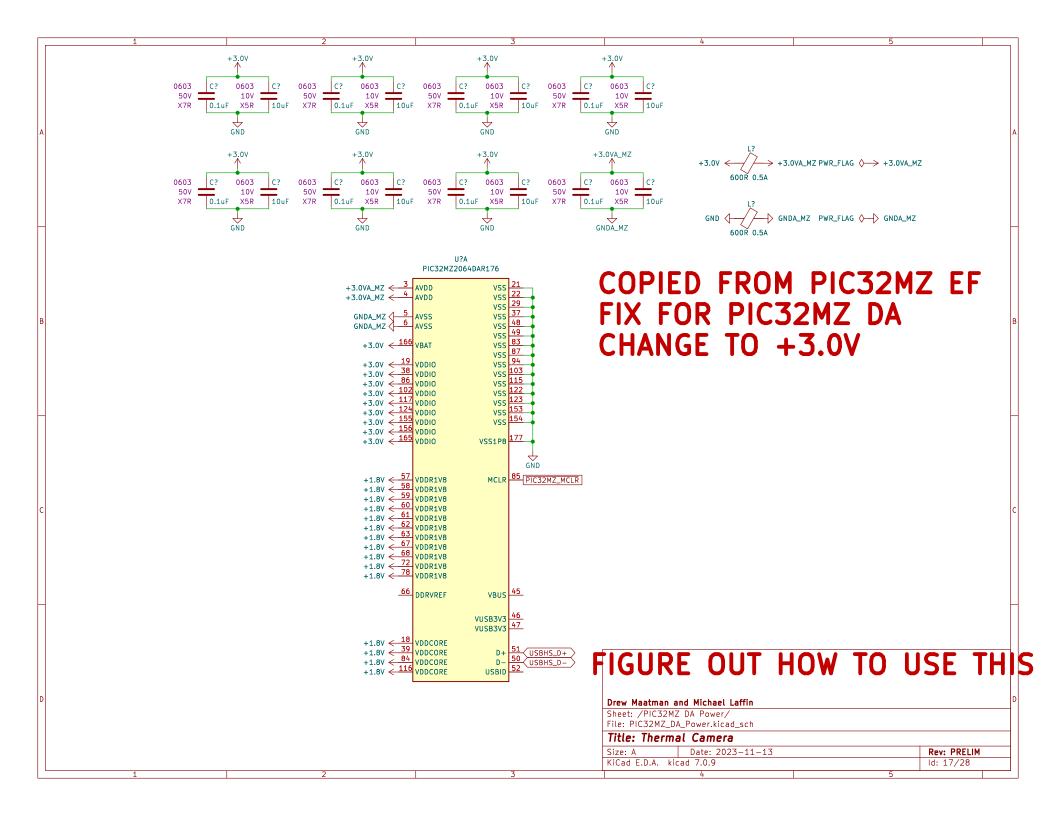
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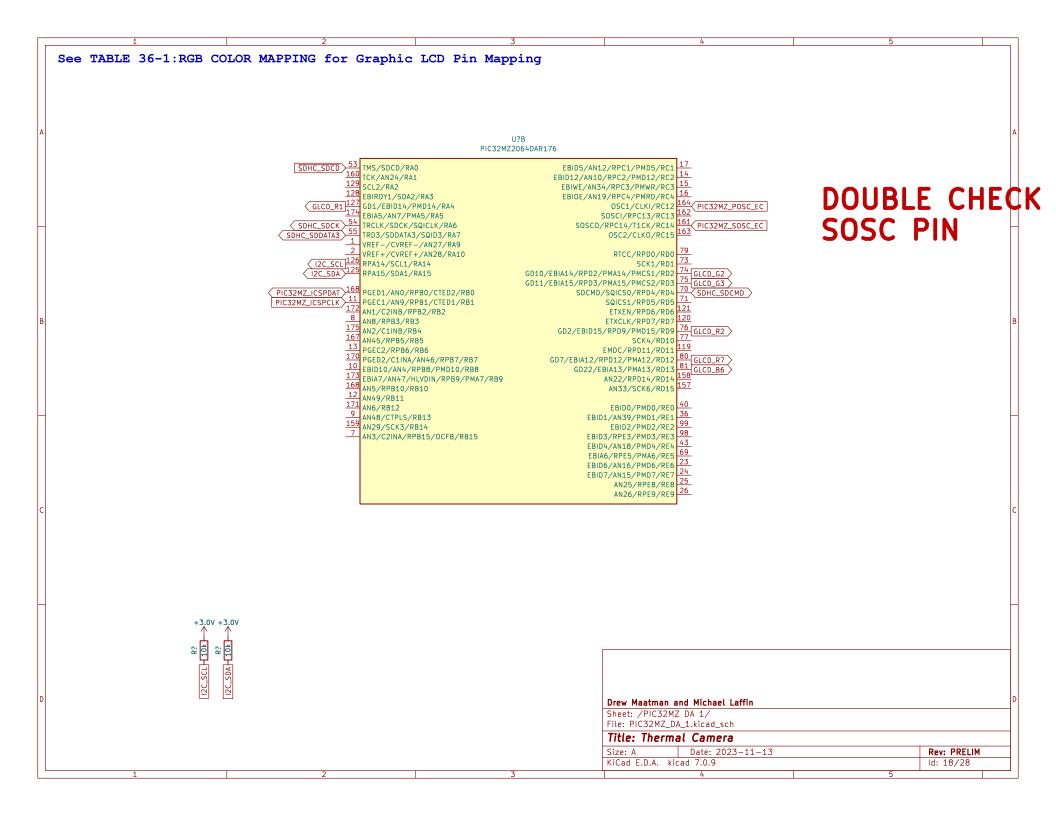
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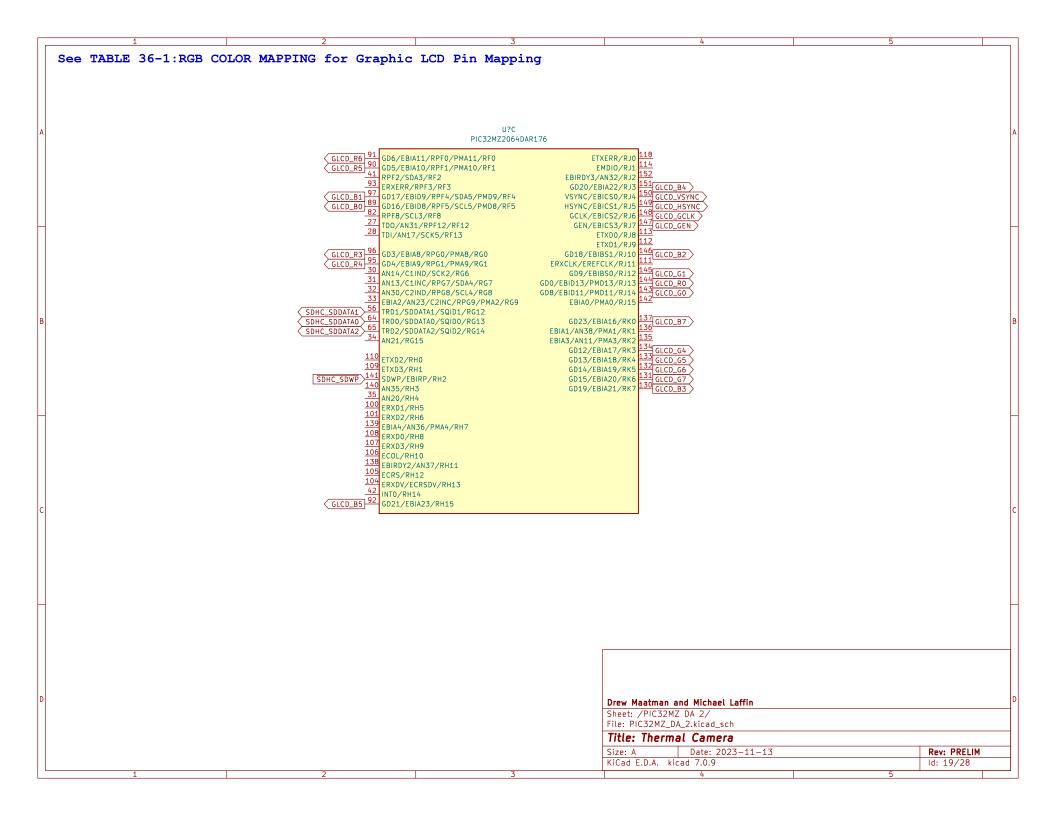
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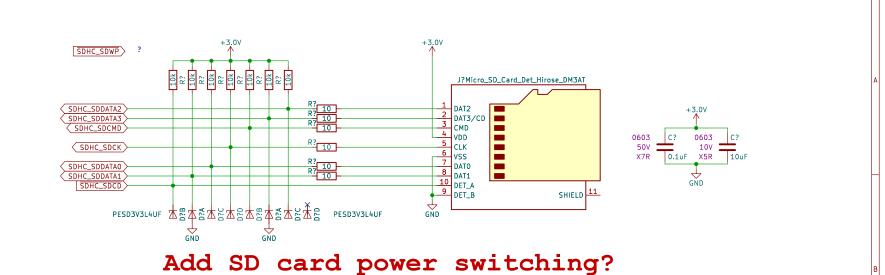
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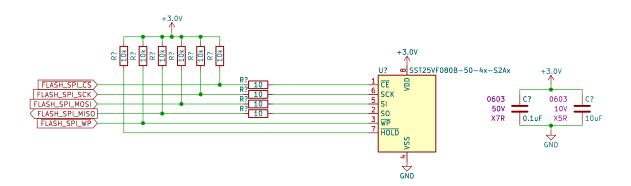
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\$D CARD, SPI FLASH BREAK OUT A SPI TO SD CARD AS INSURANCE BREAK OUT FLASH SPI TO A HEADER FOR PROGRAMMING

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