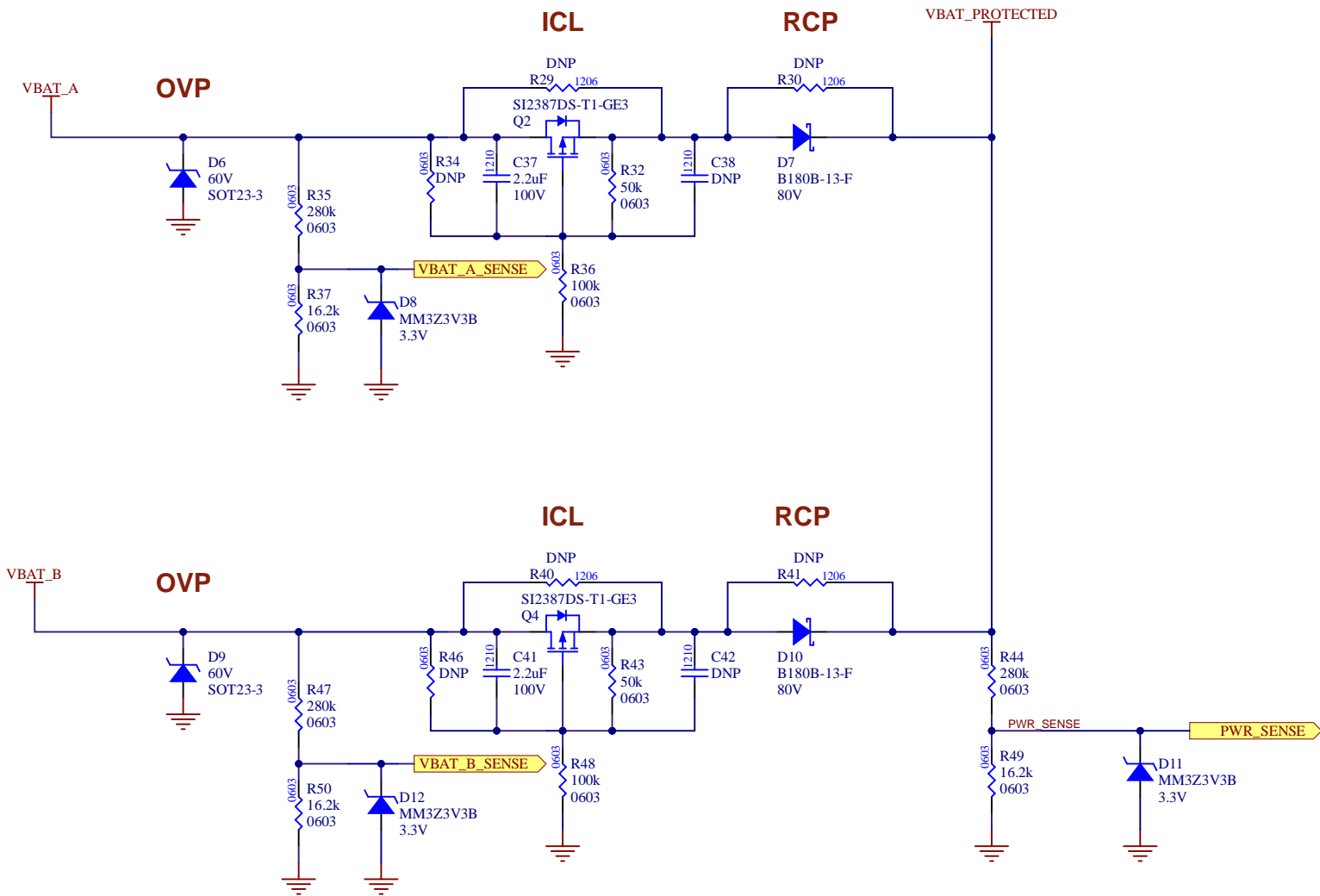
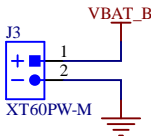
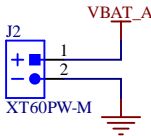


Power Filter

3S - 12S
~7.5V - 60V



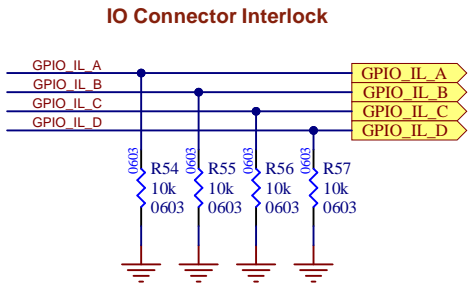
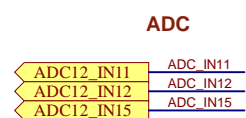
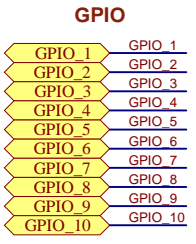
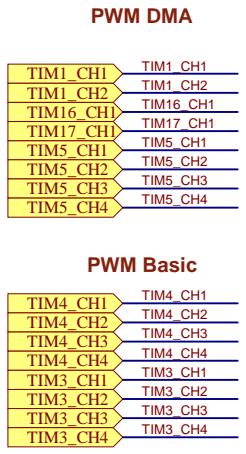
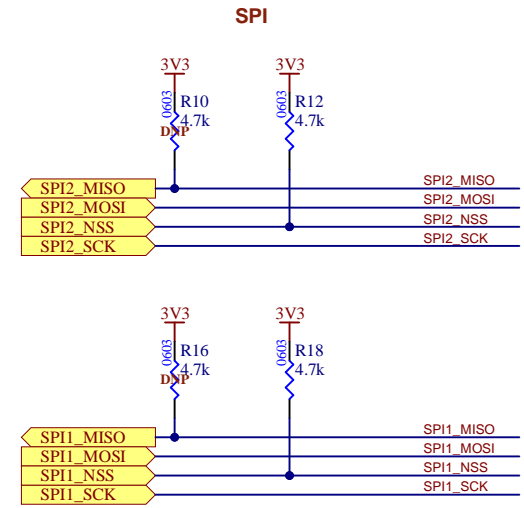
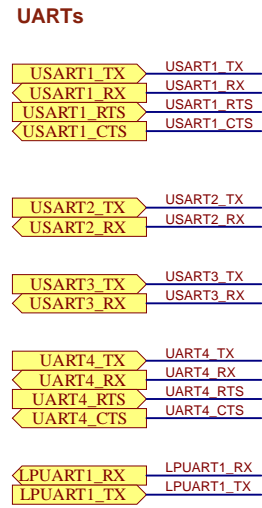
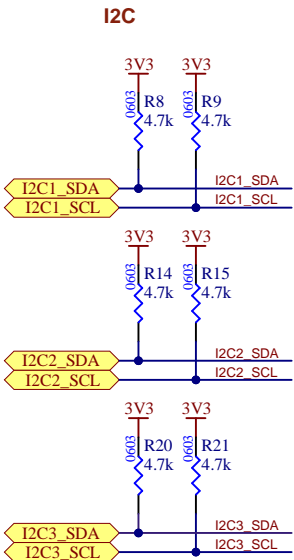
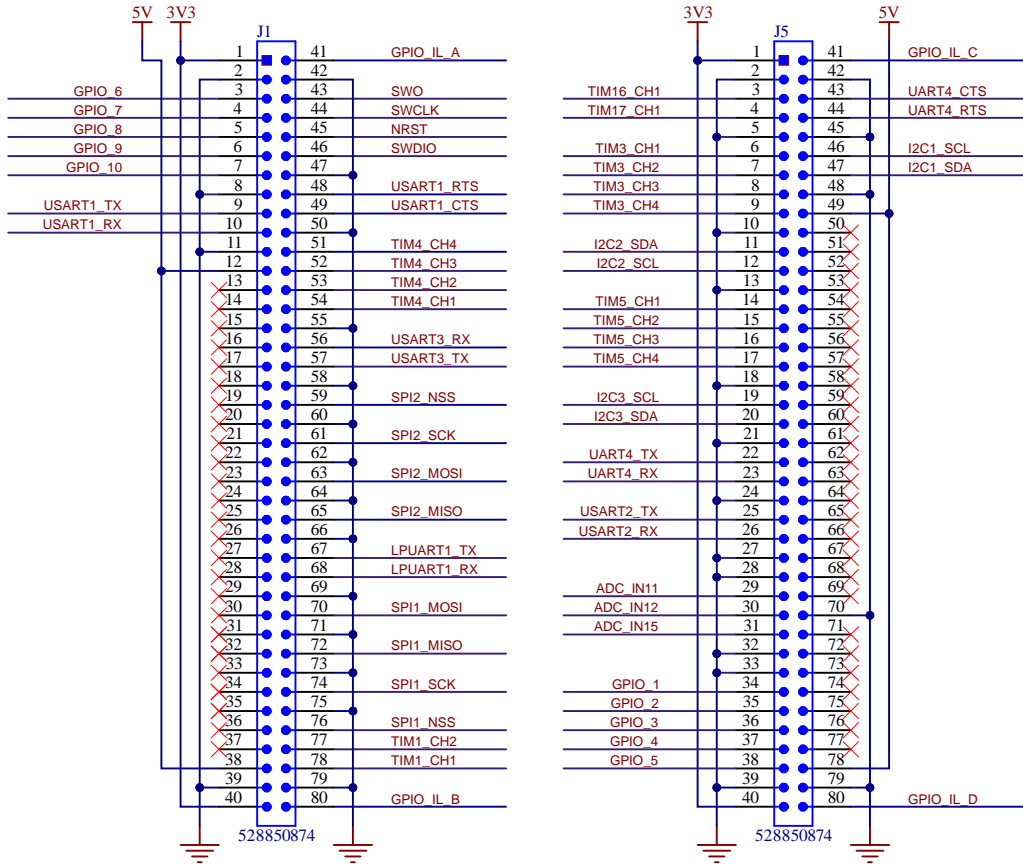
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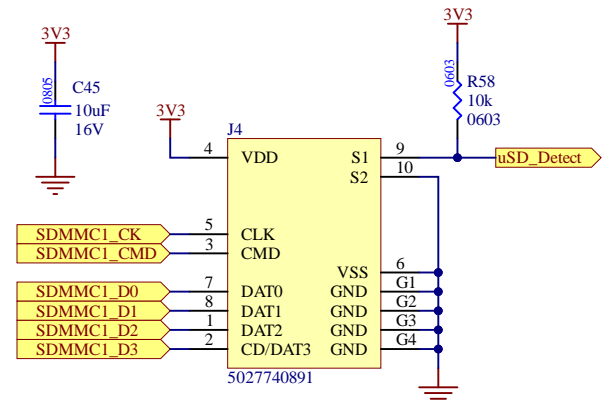
PROJECT ZeroPilot3.0.PriPcb, [No Variations]		REVISION *	
DOCUMENT FLTR.SchDoc		MODIFIED 2/9/2023	
ENGINEER Ethan A, Darwin C, & Daniel P	REVIEWER *	SHEET * OF *	

I/O

Interboard Connectors

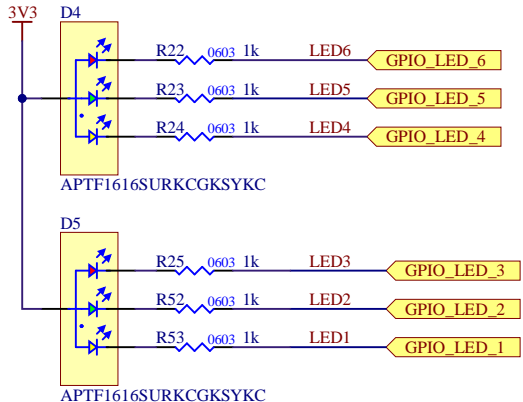


MicroSd Card Slot

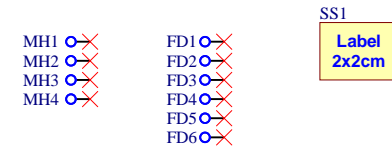


SD Card has it's own decoupling capacitors inside the card itself. C45 capacitor solely to handle the inrush and can kind of be placed anywhere. Card can draw 150mA of current during a write operation tho we still need to measure it.

LEDs



Mechanicals



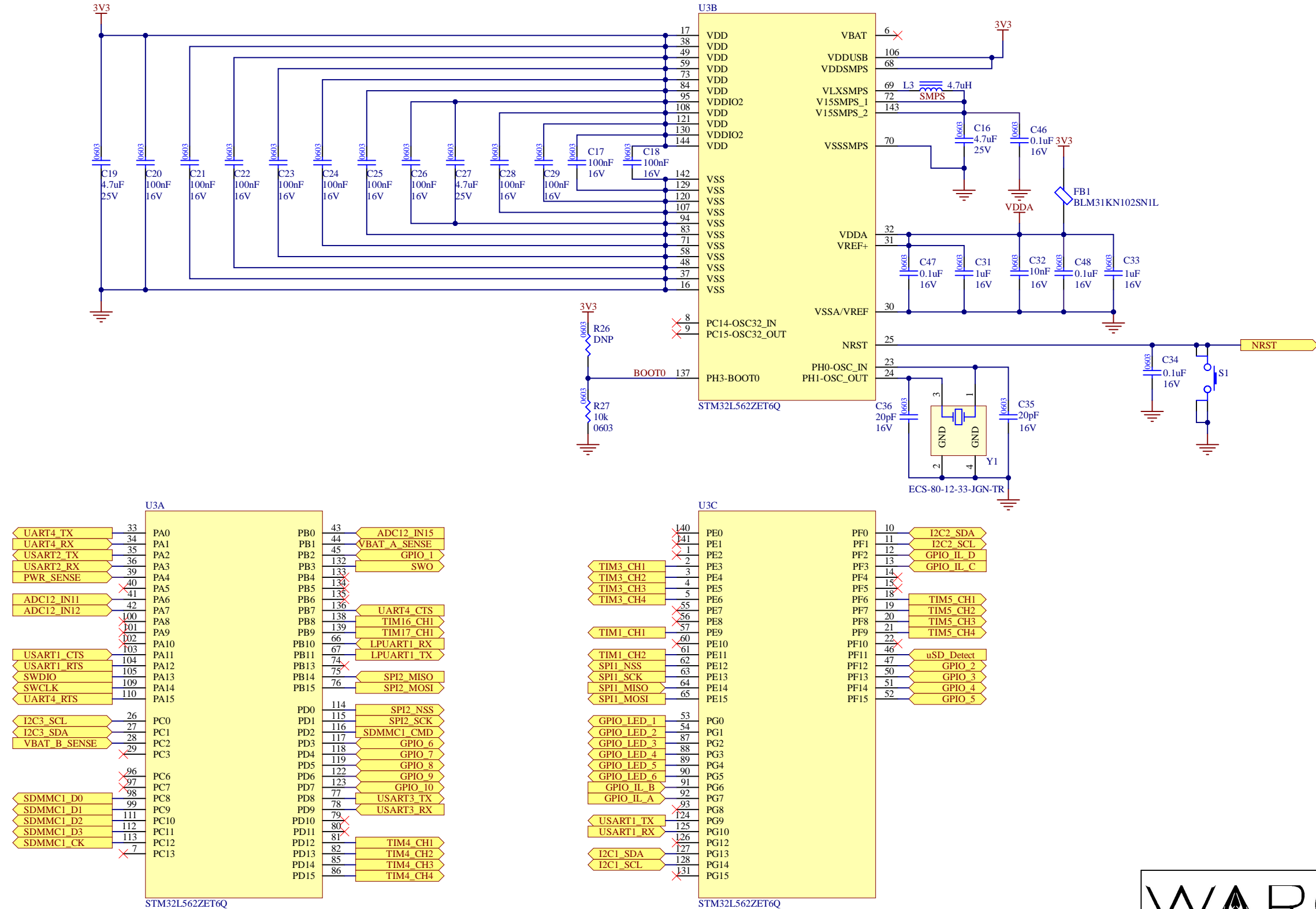


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DOCUMENT IO.SchDoc		MODIFIED 2/9/2023
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Microcontroller



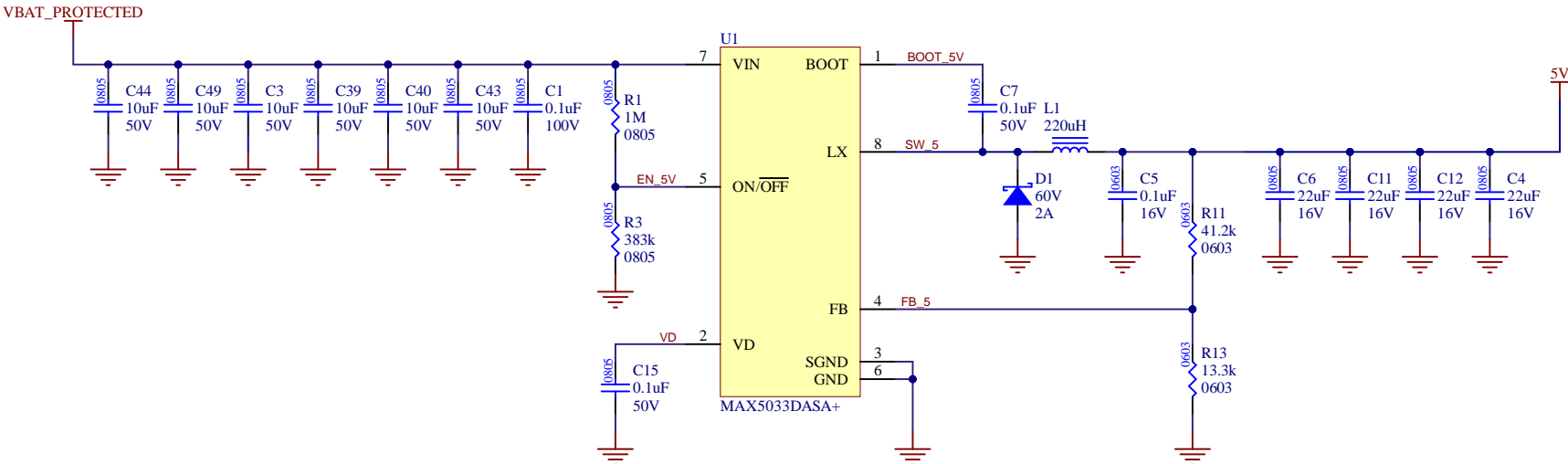
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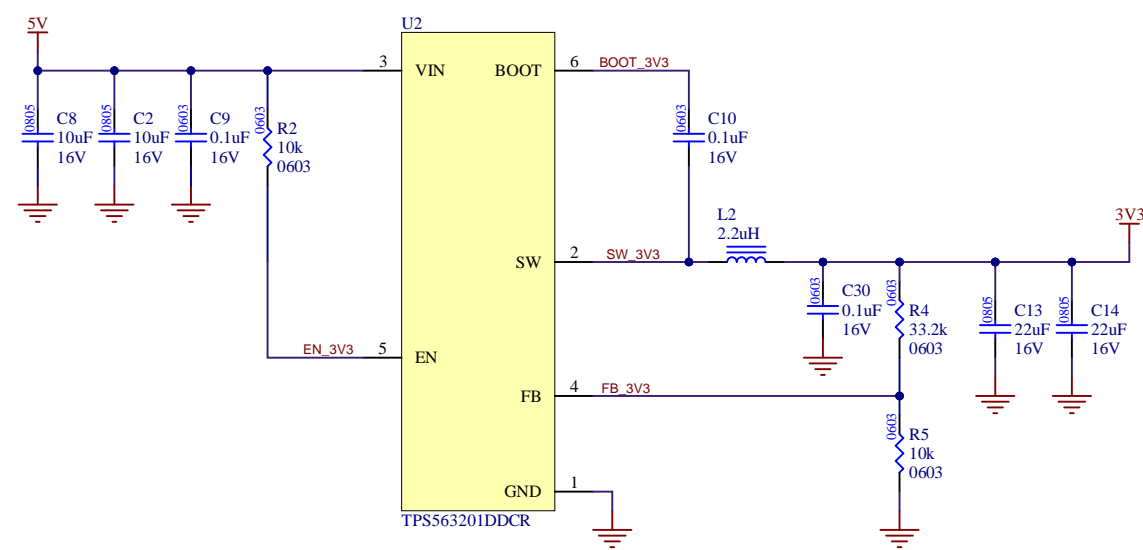
PROJECT ZeroPilot3.0.PrjPcb, [No Variations]		REVISION *
DOCUMENT MCU.SchDoc		MODIFIED 2/9/2023
ENGINEER Ethan A, Darwin C, & Daniel P	REVIEWER *	SHEET * OF *

Buck Converters

7.5V-60V to 5V



5V to 3.3V



Power LEDs

