Table of Content

NANORACK LASER

Schematic V1.0.0

Project: *NANORACK_LASER.PrjPcb*		
Page Contents: *INDEX.SchDoc*		
Revision: *1.0.0*	Design: **Hung Nguyen Duy**	Date: **9/4/2024**
Size: *A3*	Document Number:	Sheet: 1 of 6

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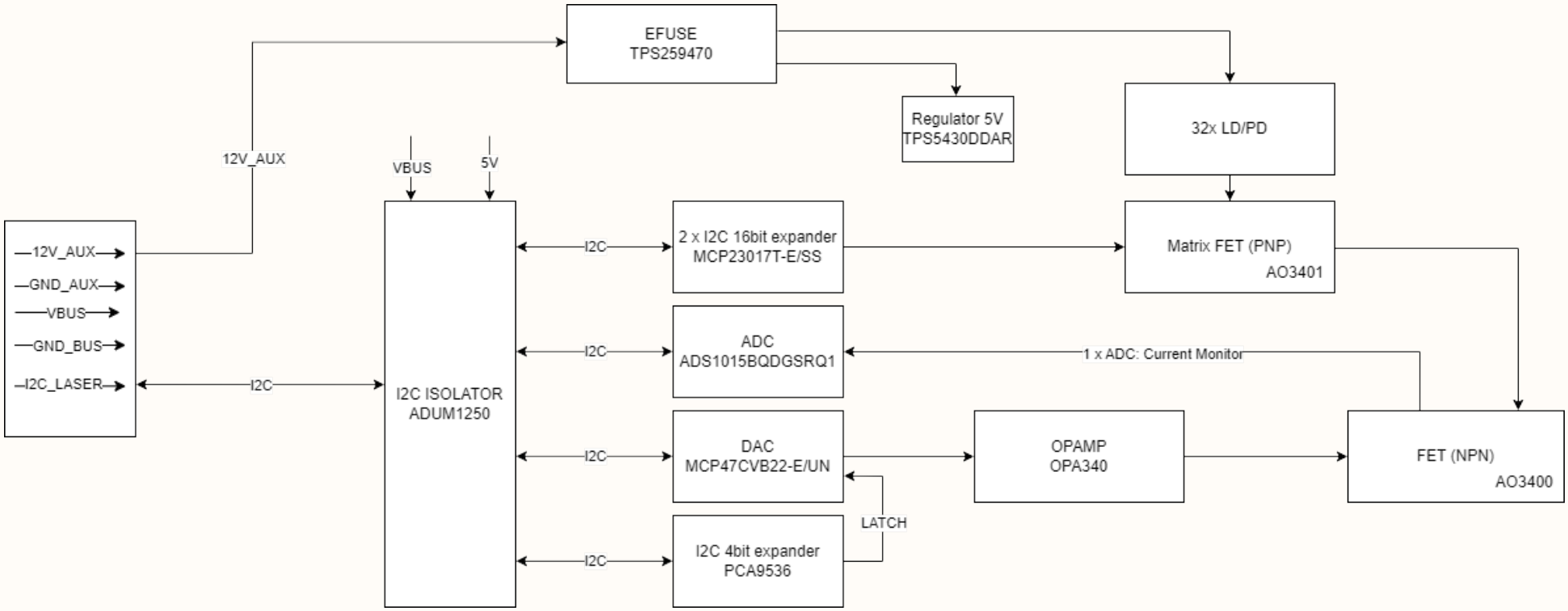
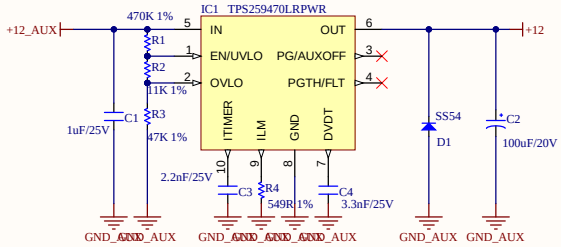


Project: *NANORACK_LASER.PrjPcb*			
Page Contents: *BLOCK_DIAGRAM.SchDoc*			
Revision: *1.0.0*	Design: **Hung Nguyen Duy**	Date: **9/4/2024**	Space LiinTech
Size: *A3*	Document Number:	Sheet: 2 of 6	



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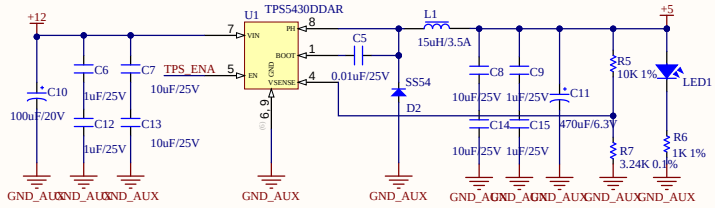


REGULATOR

$$SR\left(\frac{V}{ms}\right) = \frac{V_{IN}(V)}{t_R(ms)}$$

$$C_{dVdt}(pF) = \frac{2000}{SR\left(\frac{V}{ms}\right)}$$

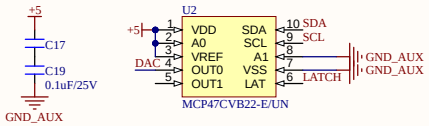
$$I_{INRUSH}(mA) = SR(V/ms) \times C_{OUT}(uF)$$

$$R_{LIM}(\Omega) = \frac{3334}{I_{LIM}(A)}$$

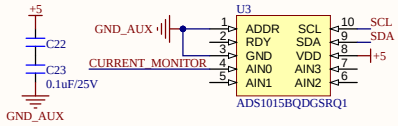
$$R_2 = \frac{R_1 \times 1{,}221}{V_{OUT} - 1{,}221}$$

Project: *NANORACK_LASER.PrjPcb*			
Page Contents: *EFUSE_AND_REGULATOR.SchDoc*			
Revision: *1.0.0*	Design: **Hung Nguyen Duy**	Date: **9/4/2024**	
Size: *A3*	Document Number:	Sheet: 3 of 6	

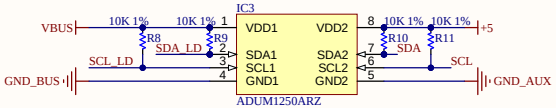
Space LiinTech



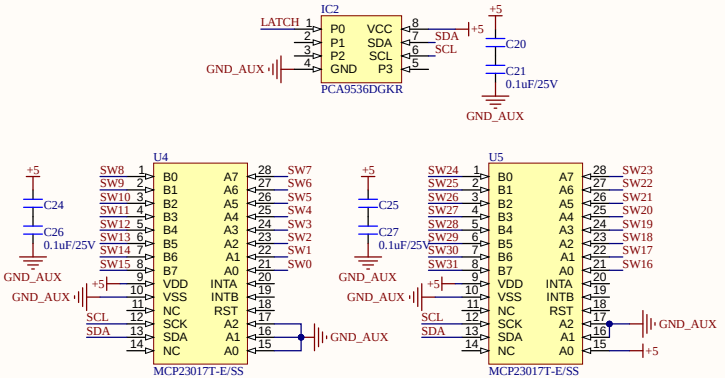
DAC



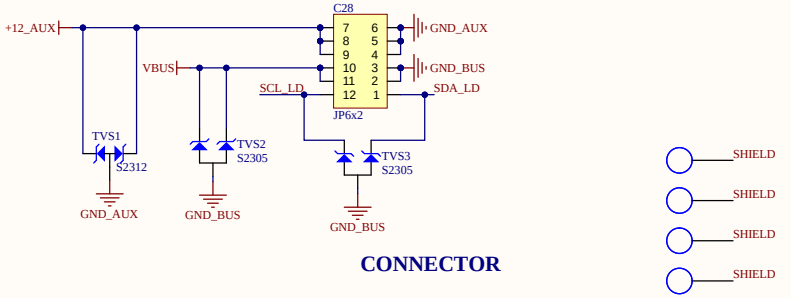
ADC



I2C ISOLATE



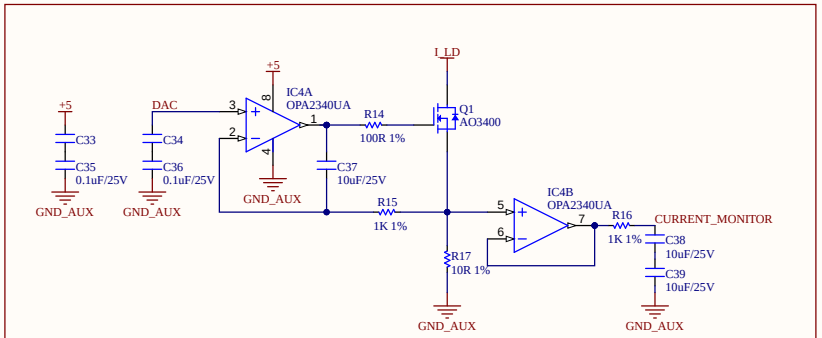
I2C EXPANDER



CONNECTOR

Project: *NANORACK_LASER.PrjPcb*			
Page Contents: *COMMUNICATION.SchDoc*			
Revision: *1.0.0*	Design: **Hung Nguyen Duy**	Date: **9/26/2024**	
Size: *A3*	Document Number:	Sheet: 4 of 6	

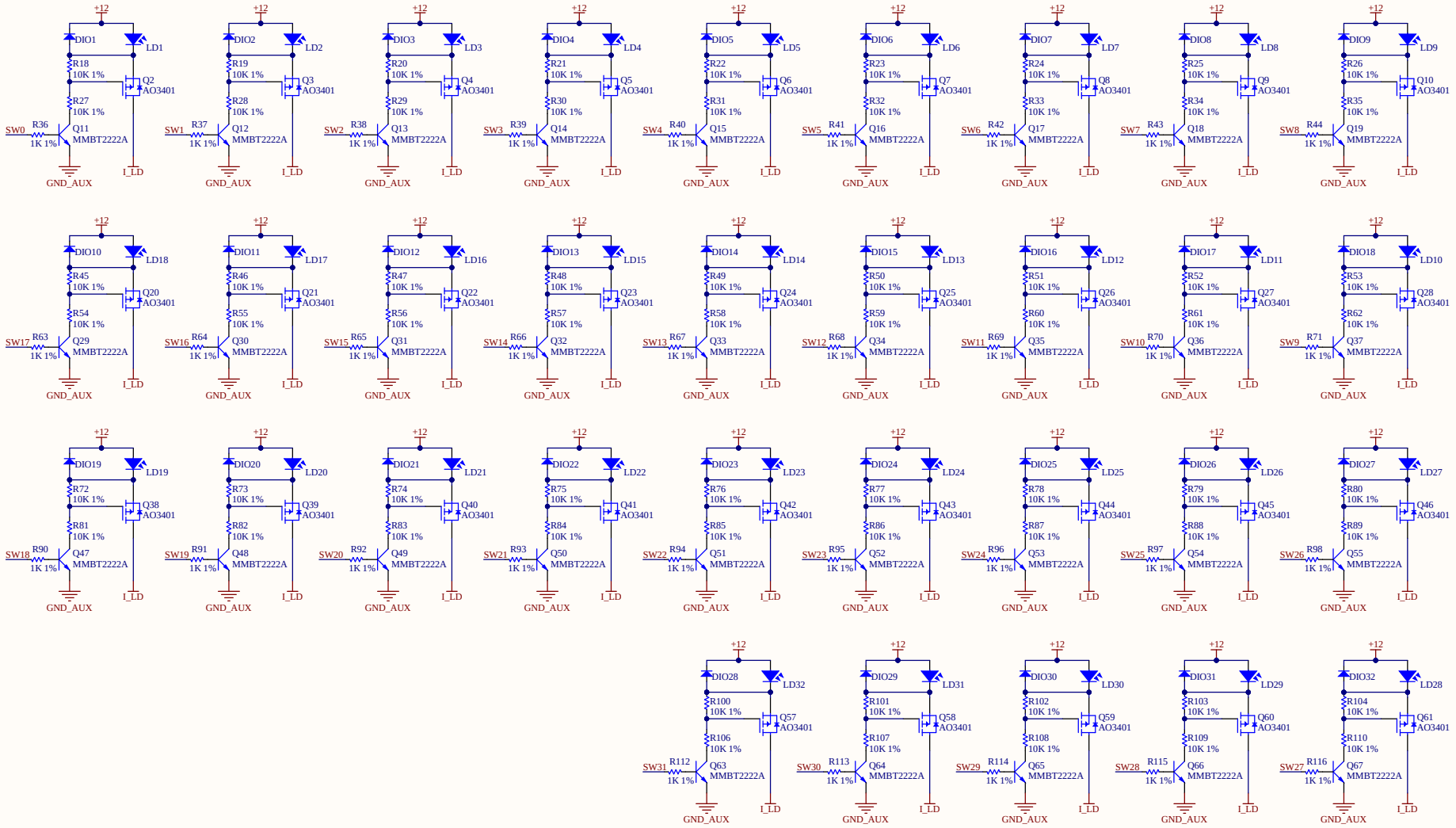
Space LiinTech



CURRENT SOURCE

Project: ***NANORACK_LASER.PrjPcb***			
Page Contents: ***CURRENT_SOURCE.SchDoc***			
Revision: ***1.0.0***	Design: **Hung Nguyen Duy**	Date: **9/4/2024**	
Size: ***A3***	Document Number:	Sheet: 5 of 6	

Space LiinTech



Project: *NANORACK_LASER.PrjPcb*			
Page Contents: *SWITCHING.SchDoc*			
Revision: *1.0.0*	Design: **Hung Nguyen Duy**	Date: **9/26/2024**	
Size: *A3*	Document Number:	Sheet: 6 of 6	

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