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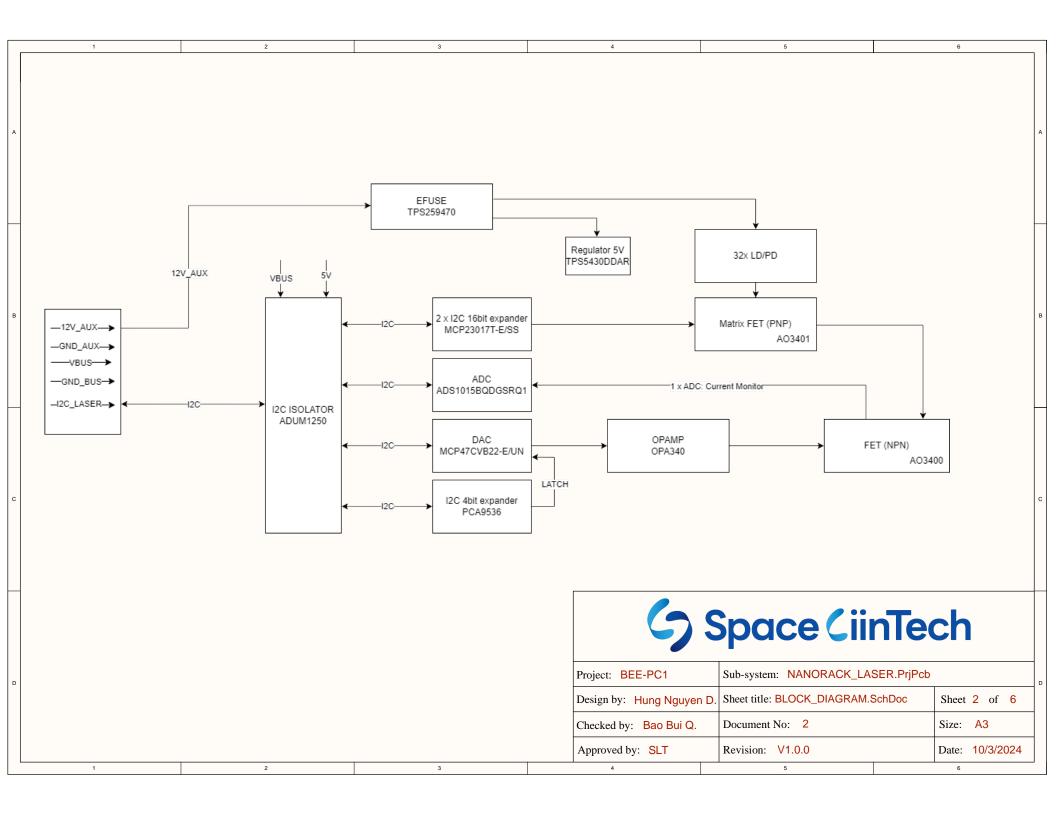
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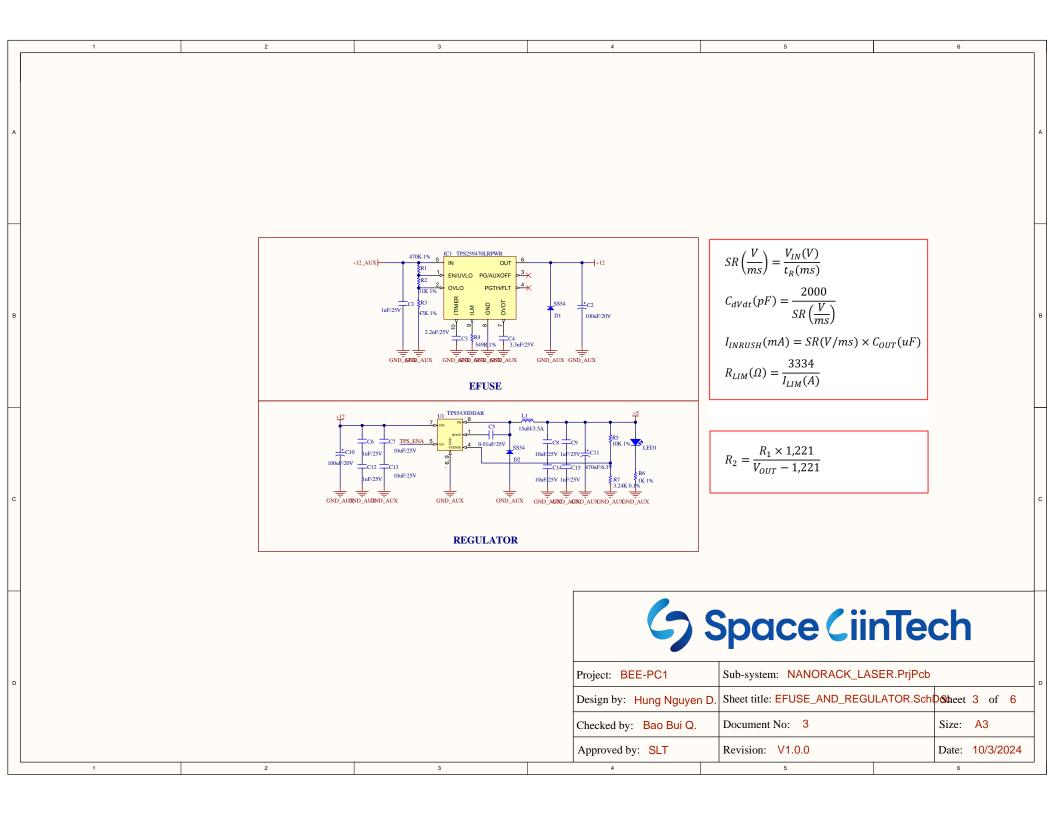
NANORACK LASER

Schematic V1.0.0

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Project: BEE-PC1	Sub-system: NANORACK_LASER.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: INDEX.SchDoc	Sheet 1 of 6
Checked by: Bao Bui Q.	Document No: 1	Size: A3
Approved by: SLT	Revision: V1.0.0	Date: 10/3/2024





LATCH 1 P0 VCC 47 7 6 P2 SCL 45 P2 SCL 45 P3 7 5 | GND_AUX | GND_AUX 0.1uF/25V PCA9536DGKR ADDRESS = 0x41GND_AUX GND_AUX ADDRESS = 0x61 C24 \$\frac{5}{8}\$

C26
0.1uF/25V

GND_AUX DAC GND_AUX R12 10K 1% GND_AUX GND_AUX C18 0.1uF/2 C23 0.1uF/25V MCP23017T-E/SS ADS1015BQDGSRQ1 ADDRESS = 0x21ADDRESS = 0x20GND_AUX ADDRESS = 0x48GND AUX **I2C EXPANDER ADC** +12_AUX 10 3 11 2 12 1 SDA_LD **I2C ISOLATE** GND_BUS GND_BUS CONNECTOR

Harwin Inc. M55-6002642R

- ELECTRICAL:

CURRENT RATING: 1.2A AC/DC/1 VOLTAGE RATING: 100V AC/DC/1

- ENVIRONMENTAL:

TEMPERATURE RANGE: -55°C TO +125°C

- PHYSI CAL:

PITCH-MATING: 0.050" (1.27mm)



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Project: BEE-PC1	Sub-system: NANORACK_LAS	SER.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: COMMUNICATION.S	Sheet Sheet	4 of 6
Checked by: Bao Bui Q.	Document No: 4	Size:	А3
Approved by: SLT	Revision: V1.0.0	Date:	10/3/2024

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