Table of Content

NANORACK PHOTODIODE

Schematic V1.0.0

SpaceTiinTech

Project: BEE-PC1	Sub-system: NANORACK_PHOTODIODE.PrjPcb	
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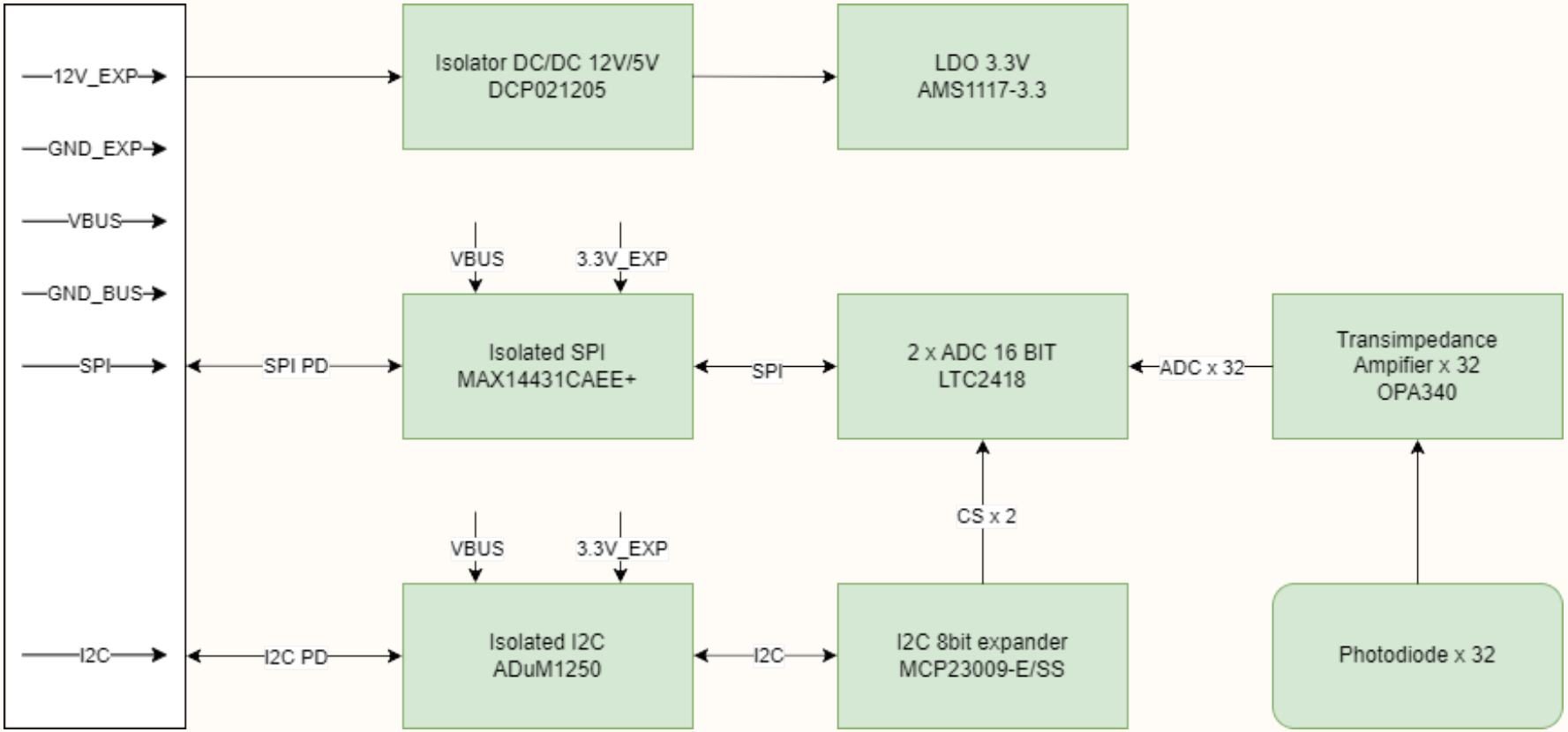
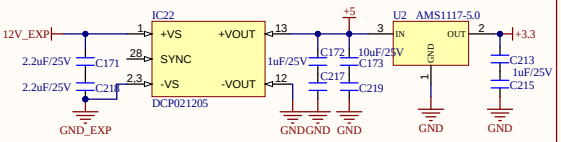
Checked by: Bao Bui Q.	Document No: 1	Size: A3
Approved by: SLT	Revision: V1.0.0	Date: 10/3/2024



Project: BEE-PC1	Sub-system: NANORACK_PHOTODIODE.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: BLOCK_DIAGRAM.SchDoc	Sheet 2 of 6
Checked by: Bao Bui Q.	Document No: 2	Size: A3
Approved by: SLT	Revision: V1.0.0	Date: 10/3/2024



POWER ISOLATE & LDO

Project: BEE-PC1	Sub-system: NANORACK_PHOTODIODE.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: POWER_ISOLATE_AND_LDO.SchDoc	Sheet 3 of 6
Checked by: Bao Bui Q.	Document No: 3	Size: A3
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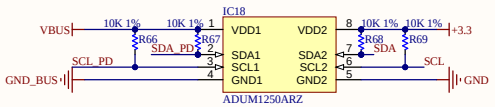
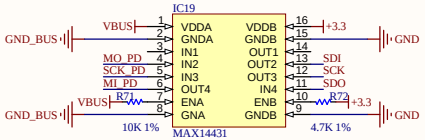
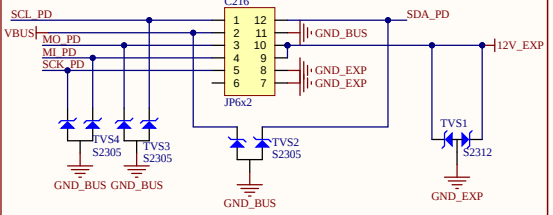


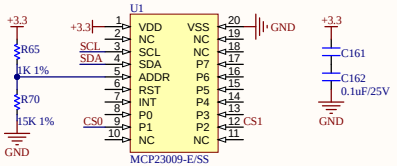
ISOLATED I2C



ISOLATED SPI

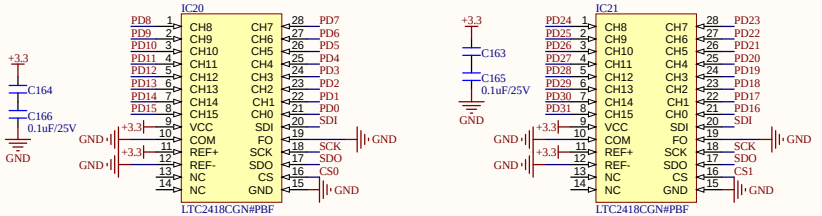


CONNECTOR

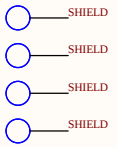


ADDRESS = 0x27

I2C EXPANDER

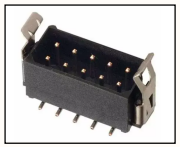


2 x ADC 16 CHANNEL



Harwin Inc. M80-8283442

- ELECTRICAL:
  CURRENT RATING: 2.2A AC/DC/1
  VOLTAGE RATING: 800V AC/DC/1
- ENVIRONMENTAL:
  TEMPERATURE RANGE: -55°C TO +125°C
- PHYSICAL:
  PITCH-MATING: 0.079" (2.00mm)
  WIRE GAUGE: 28-32 AWG



- MATING -

M80-8881205

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Project: BEE-PC1	Sub-system: NANORACK_PHOTODIODE.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: COMMUNICATION.SchDoc	Sheet 4 of 6
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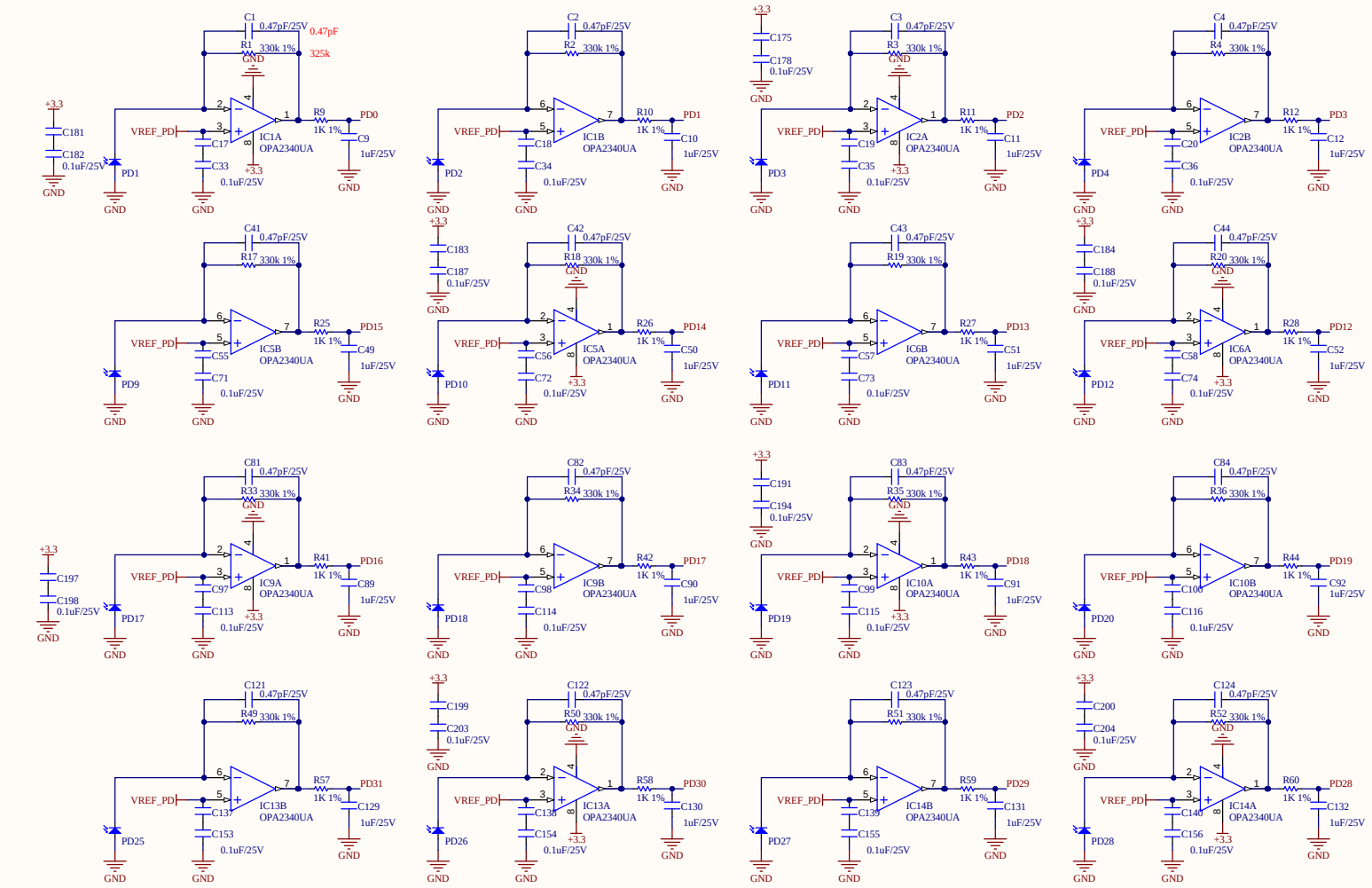

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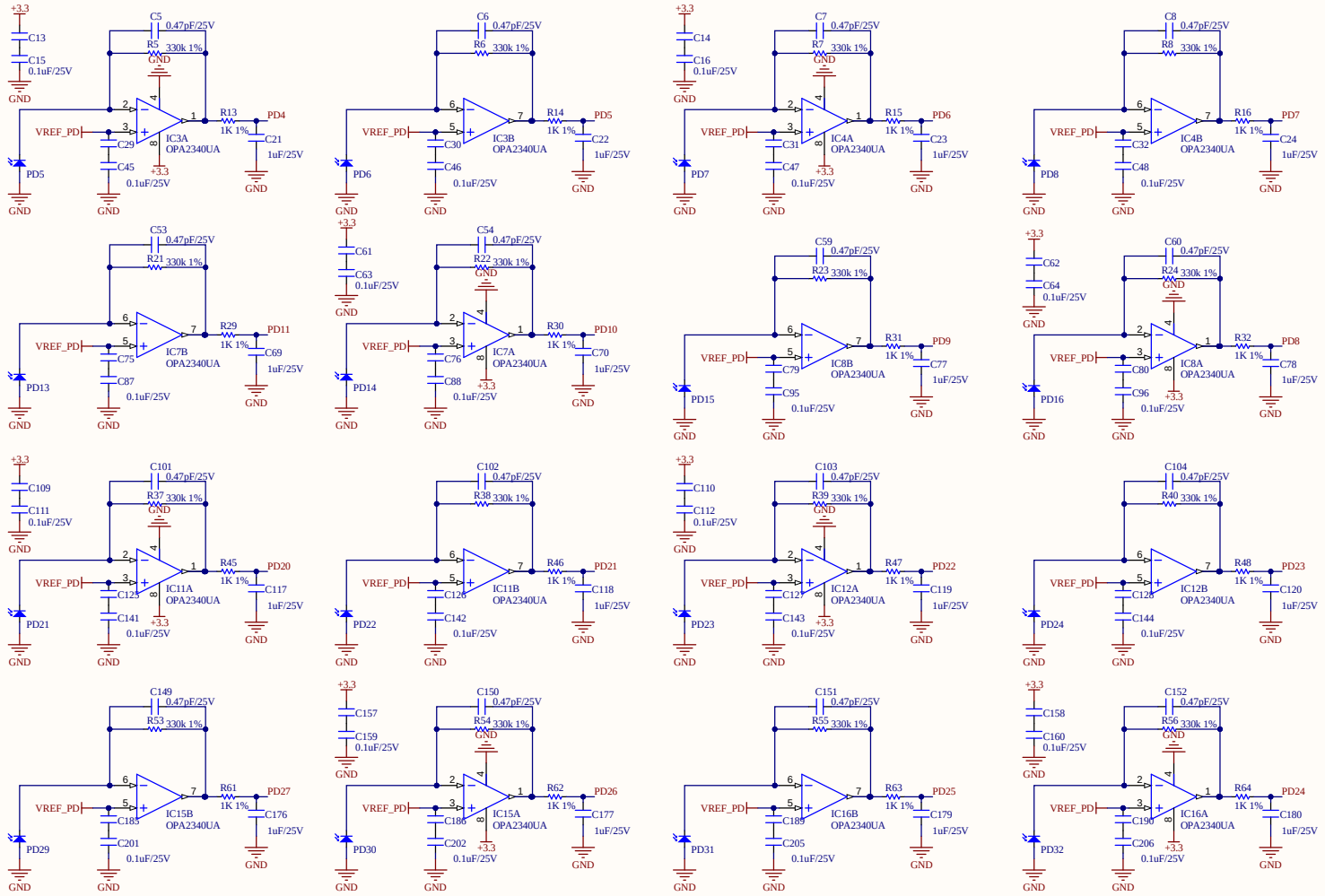

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Project: BEE-PC1	Sub-system: NANORACK_PHOTODIODE.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: PHOTODIODE (CONT).SchDoc	Sheet 6 of 6
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