

# Table of Content

PAGE	COMPONENT/ FUNCTION
001	INDEX
002	BLOCK_DIAGRAM
003	POWER_ISOLATE_AND_LDO
004	COMMUNICATION
005	PHOTODIODE
006	PHOTODIODE (CONT)

## NANORACK PHOTODIODE

### Schematic V1.0.0

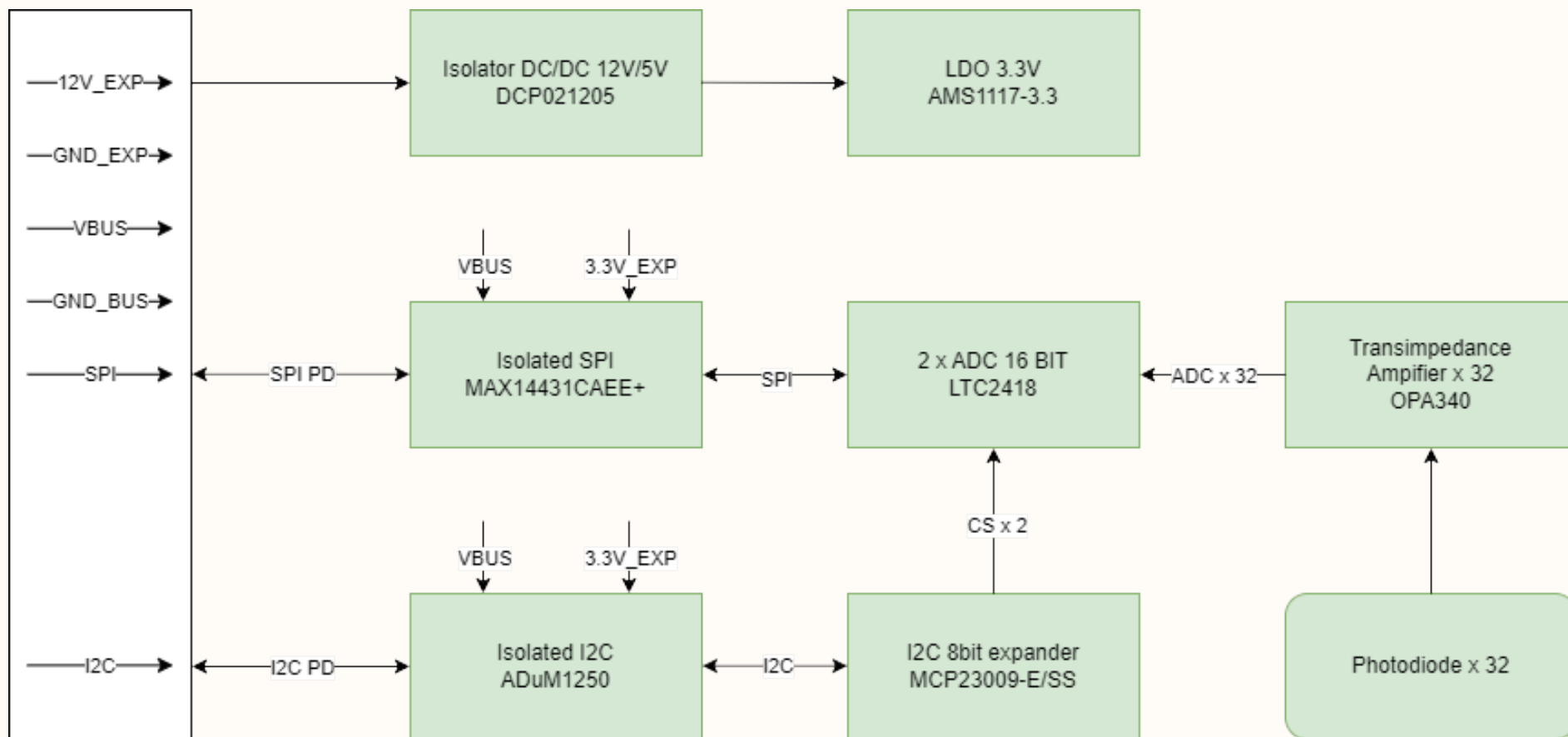
Project: **NANORACK\_PHOTODIODE.PrjPcb**

Page Contents: **INDEX.SchDoc**

Revision: **1.0.0** Design: **Hung Nguyen Duy** Date: **9/4/2024**

Size: **A3** Document Number: Sheet: **1** of **6**





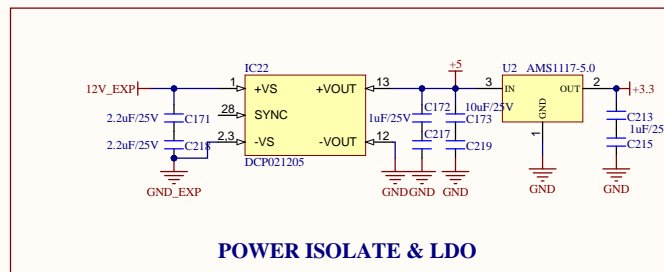
Project: **NANORACK\_PHOTODIODE.PrjPcb**

Page Contents: **BLOCK\_DIAGRAM.SchDoc**

Revision: **1.0.0** Design: **Hung Nguyen Duy** Date: **9/4/2024**

Size: **A3** Document Number: Sheet: **2** of **6**





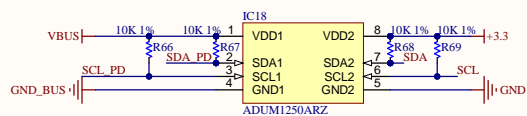
Project: **NANORACK\_PHOTODIODE.PrjPcb**

Page Contents: **POWER\_ISOLATE\_AND\_LDO.SchDoc**

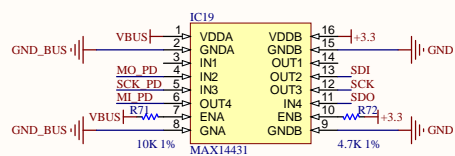
Revision: **1.0.0** Design: **Hung Nguyen Duy** Date: **9/17/2024**

Size: **A3** Document Number: Sheet: **3** of **6**

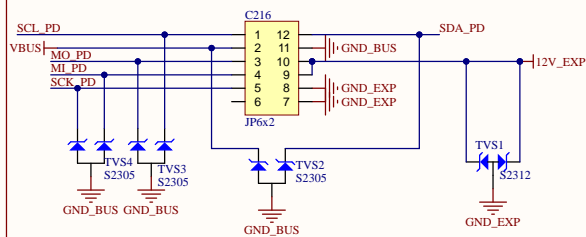




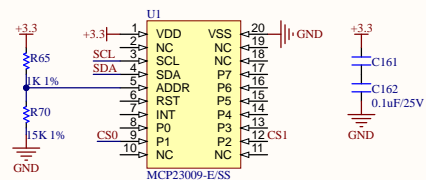
## ISOLATED I2C



## ISOLATED SPI

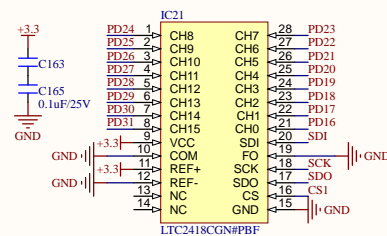
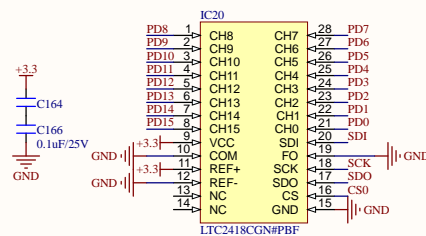


## CONNECTOR




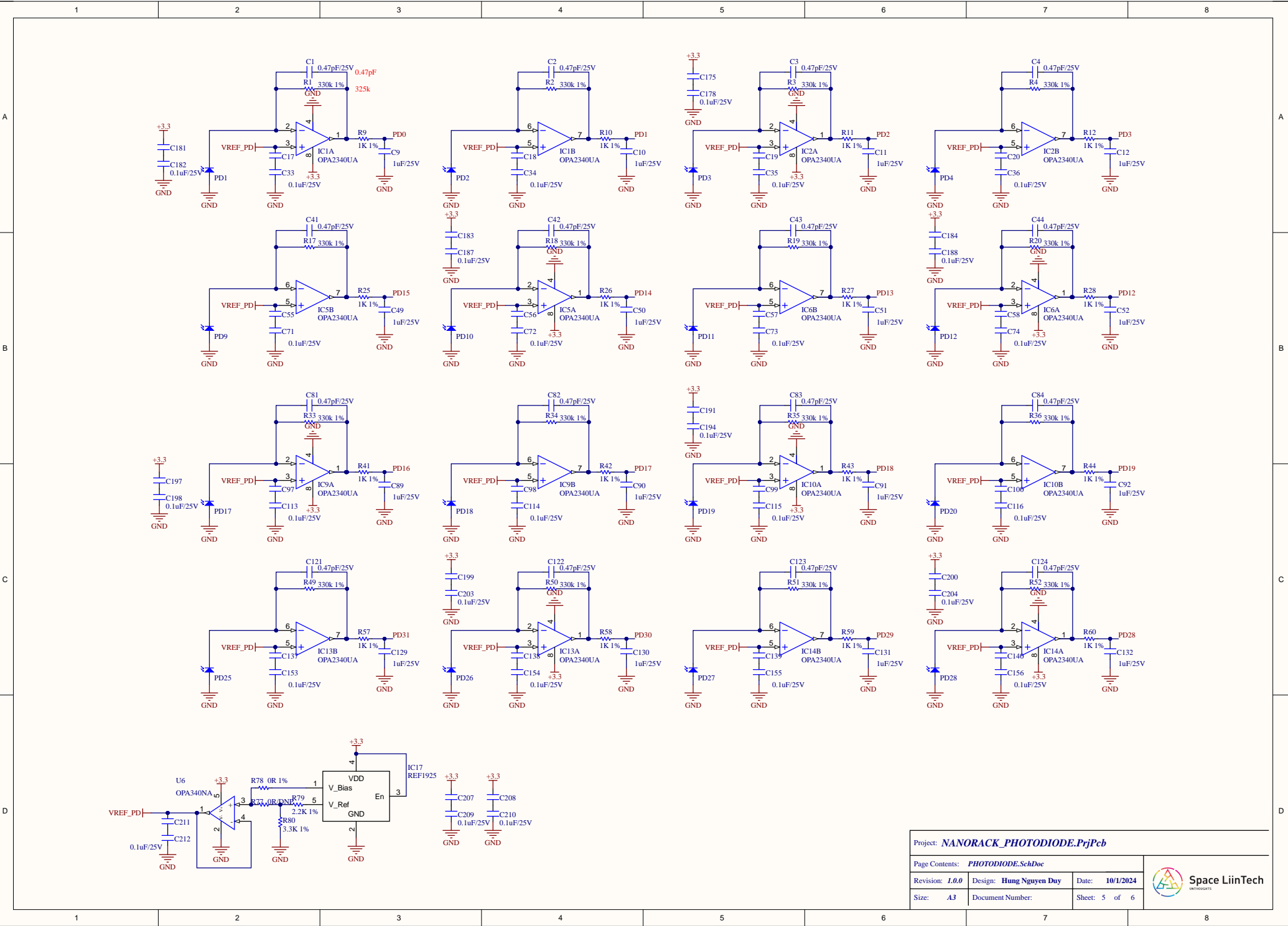
**ADDRESS = 0x27**

## I2C EXPANDER



**2 x ADC 16 CHANNEL**





Project: **NANORACK\_PHOTODIODE.PrjPcb**

Page Contents: **PHOTODIODE.SchDoc**

Revision: **1.0.0** Design: **Hung Nguyen Duy** Date: **10/1/2024**

Size: **A3** Document Number: Sheet: **5** of **6**



