NANORACK EXT LASER
Schematic V1.2.1

Table of Content

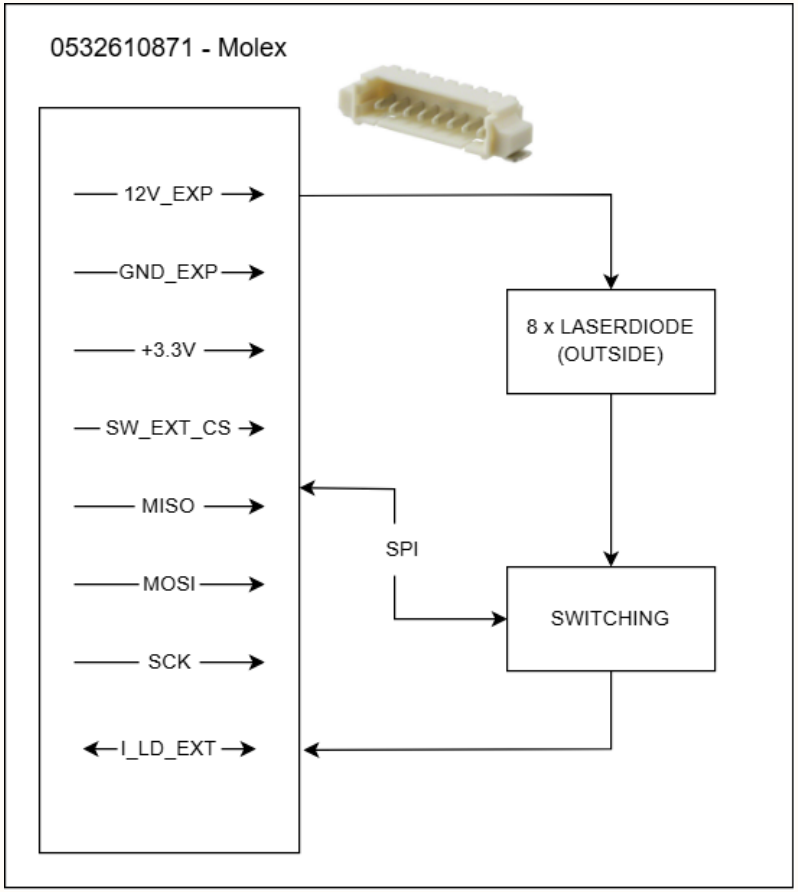
History

VERSION	DISCRIPTION
1.0.0	INITIAL PROJECT
1.1.0	CHANGE HOLES POSITION
1.2.1	CHANGE ADG1414 CATEGORY

SpaceTiinTech

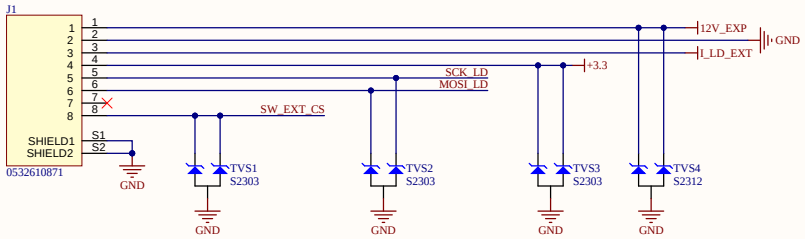
Project: BEE-PC1	Sub-system: NANORACK_LASER_EXT.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: INDEX.SchDoc	Sheet 1 of 4
Checked by: Bao Bui Q.	Document No: 1	Size: A3
Approved by: Vu Pham	Revision: V1.2.1	Date: 5/25/2025

8 x LASERDIODE BOARD (OUTSIDE)



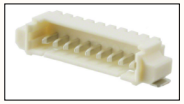
Project: BEE-PC1	Sub-system: NANORACK_LASER_EXT.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: BLOCK_DIAGRAM.SchDoc	Sheet 2 of 4
Checked by: Bao Bui Q.	Document No: 2	Size: A3
Approved by: Vu Pham	Revision: V1.2.1	Date: 5/25/2025

LASER EXT CONNECTOR

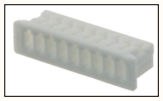


Molex - 0532610871

- ELECTRICAL:
  CURRENT RATING: 1A/CONTACT
  VOLTAGE RATING: 125V/CONTACT
- ENVIRONMENTAL:
  TEMPERATURE RANGE: -40°C TO +105°C
- PHYSICAL:
  PITCH-MATING: 0.049" (1.25mm)
- WIRE:
  WIRE SIZE: 24 AWG
  MAX CURRENT: 1A per Wire
  ISULATION MATERIAL: PTFE
- MATING:
  Molex - 0510210800

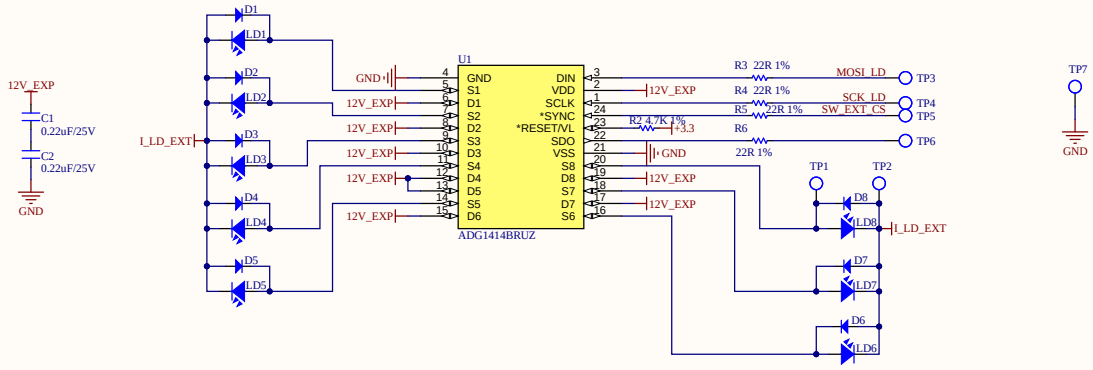


- MATING -



0510210800

Project: BEE-PC1	Sub-system: NANORACK_LASER_EXT.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: COMMUNICATION.SchDoc	Sheet 3 of 4
Checked by: Bao Bui Q.	Document No: 3	Size: A3
Approved by: Vu Pham	Revision: V1.2.1	Date: 5/25/2025



Project: BEE-PC1	Sub-system: NANORACK_LASER_EXT.PrjPcb	
Design by: Hung Nguyen D.	Sheet title: SWITCHING.SchDoc	Sheet 4 of 4
Checked by: Bao Bui Q.	Document No: 4	Size: A3
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