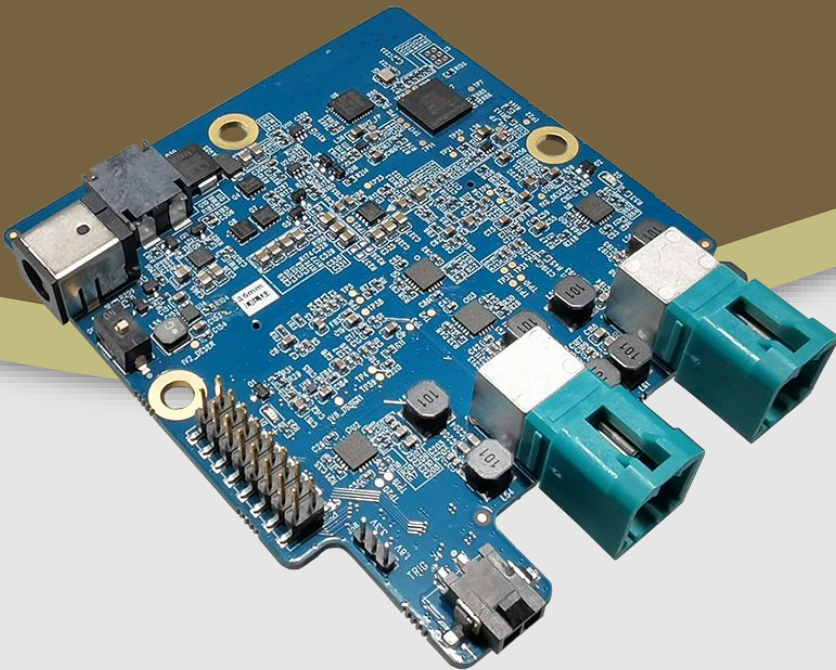




LI-JXAV-MAX96712-ADP-8CAM



Address:

910 Auburn Ct
Fremont, CA 94538
USA



Phone:

+1 (408)263-0988

Fax:

+1 (408)217-1960



Sales:

sales@leopardimaging.com

Support:

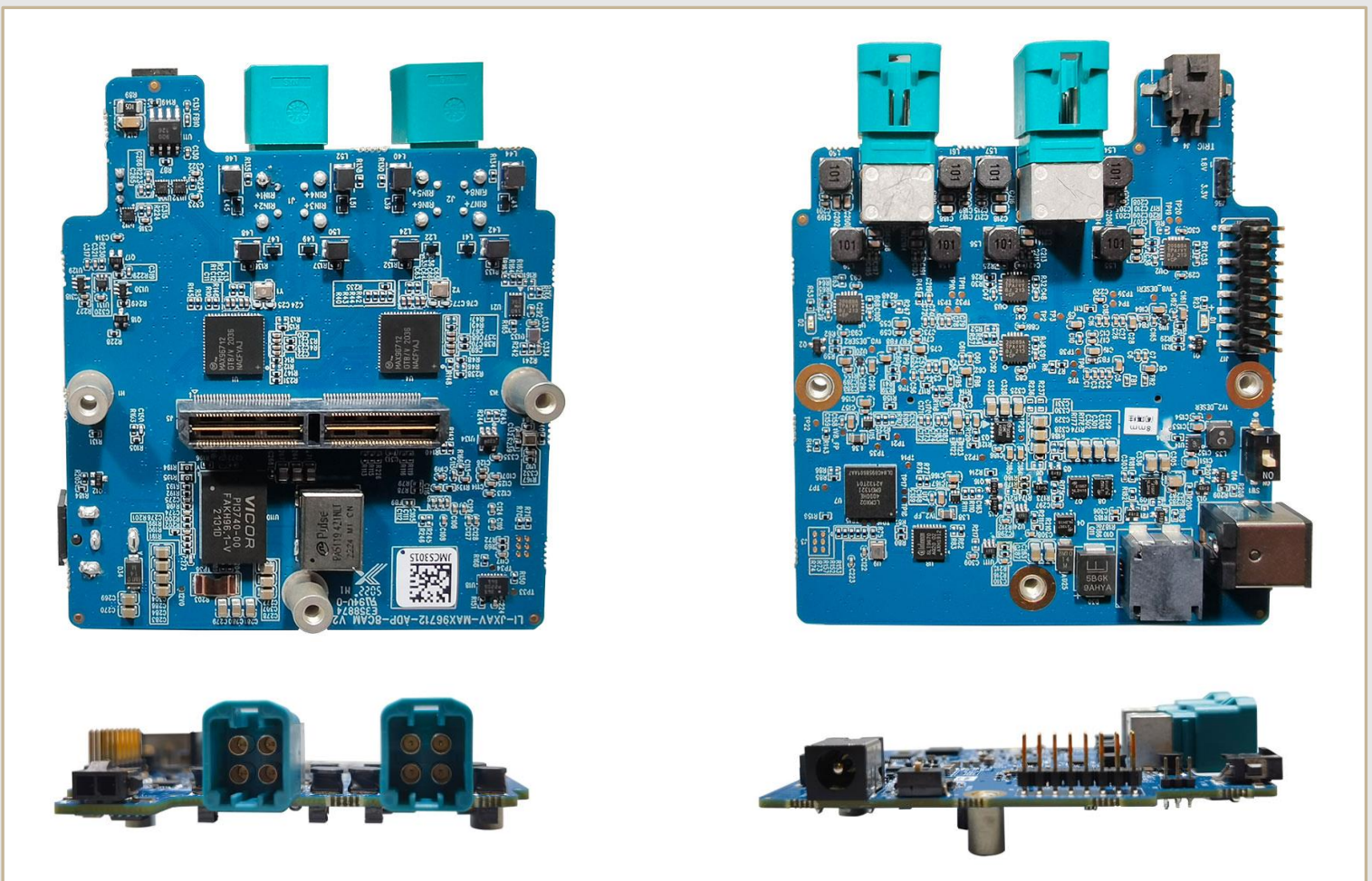
support@leopardimaging.com

TECHNICAL FEATURES

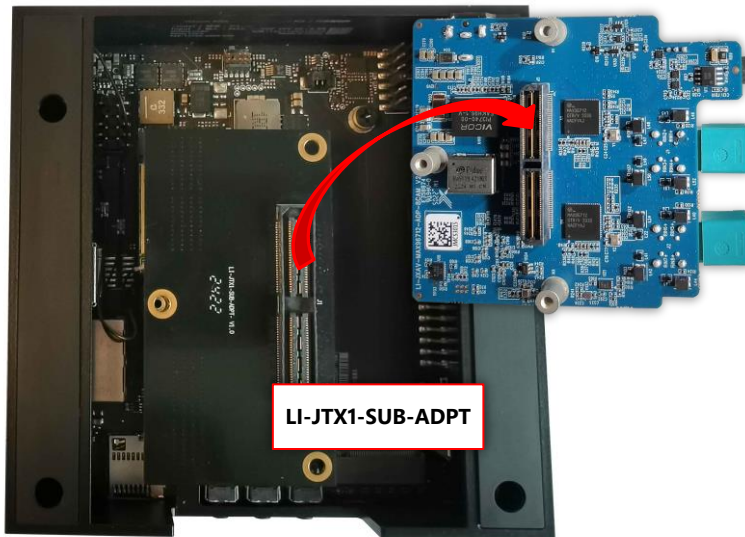
- Compatible with NVIDIA® Jetson AGX Xavier™ Developer Kit and Jetson AGX Orin™ Developer Kit

NOTE: LI-JTX1-SUB-ADPT is needed when connecting the LI-JXAV-MAX96712-ADP-8CAM to the developer kit.

- Supports 8 GMSL2 cameras
Mating connector to the board: 2298721-9
- Supports external 12 VDC power supply
- DeSerializer: Maxim MAX96712
- Operating temperature: TBD
- Weight: ~ 64 g
- Part#: **LI-JXAV-MAX96712-ADP-8CAM**

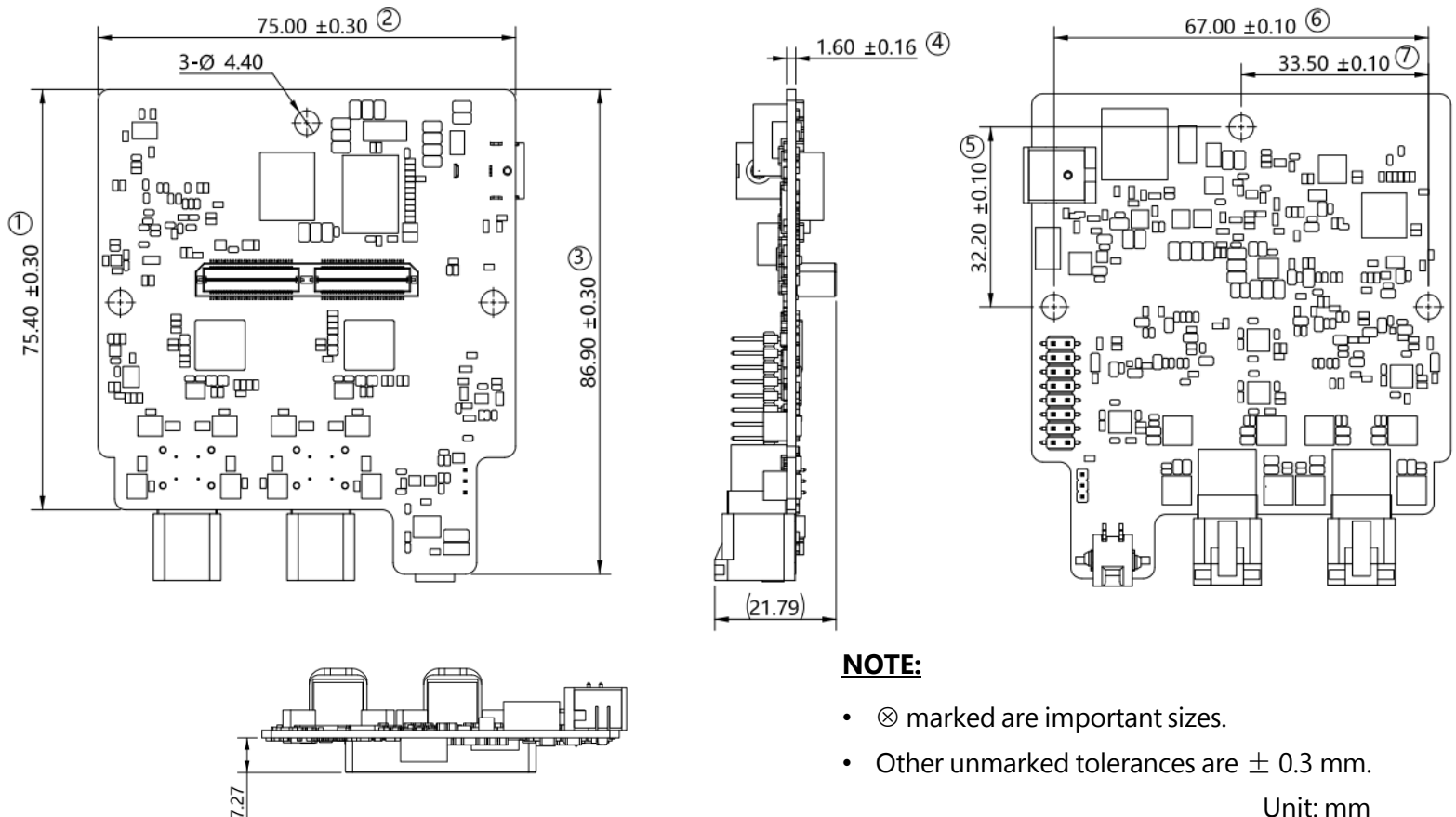


CONNECTION NOTE



- LI-JTX1-SUB-ADPT should be used while connecting the LI-JXAV-MAX96712-ADP-8CAM to NVIDIA developer kit.
- LI-JTX1-SUB-ADPT, NVIDIA® Jetson AGX Xavier™ Developer Kit and Jetson AGX Orin™ Developer Kit are not included in the product.

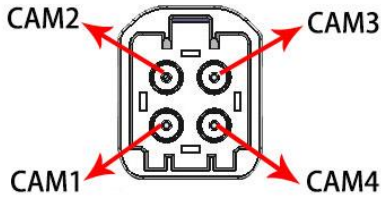
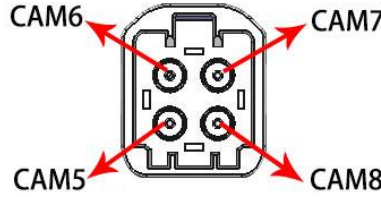
DIMENSIONS



● INTERFACE J1 & J2 (4T1 Connector)

- Part#: 1206161400
- Number of Positions: 4
- Mating Connector Part#: 2298721-9



J1	
J2	

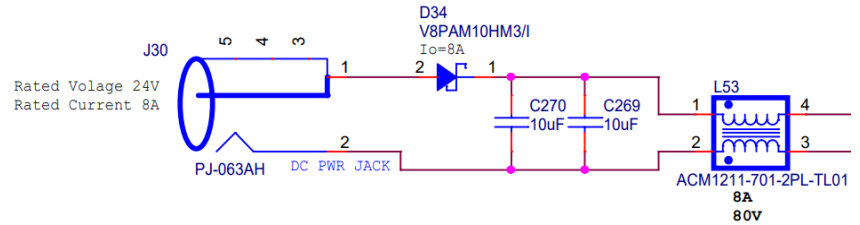
● Boot Mode (SW1)

Status	Boot Mode
On	Buck boost: supports wide output voltage range (9 ~ 15 VDC)
Off (default)	Bypass: supports 12V output



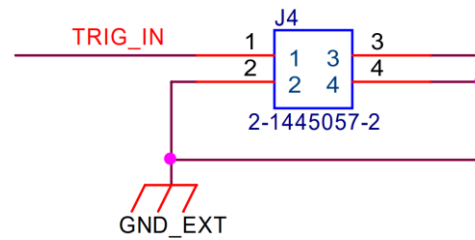
● INTERFACE J30 (DC PWR JACK)

- Part#: PJ-063AH
- Number of Positions: 2
- Connector Type: Jack
- Inner Diameter (mm): 2
- Outer Diameter (mm): 6.5



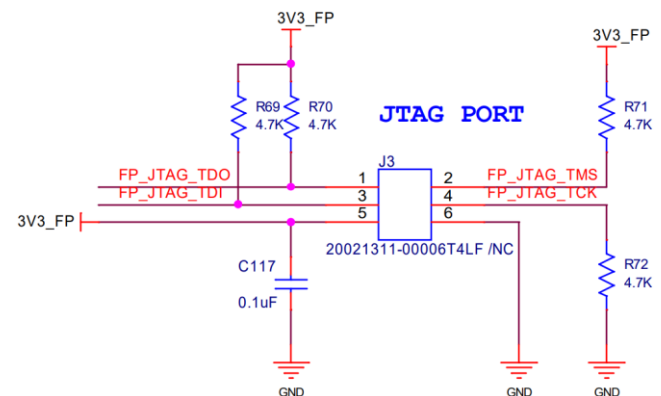
● INTERFACE J4

- Part#: 2-1445057-2
- Number of Positions: 2
- Pitch: 3.00 mm



● INTERFACE J3 (JTAG Port: Not Connected)

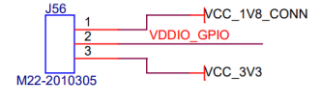
- Part#: 20021311-00006T4LF
- Number of Positions: 6
- Number of Rows: 2
- Pitch: 1.27 mm



● INTERFACE J56 (Jumper for IO Power)

- Part#: M22-2010305
- Number of Positions: 3
- Number of Rows: 1
- Pitch: 2.00 mm

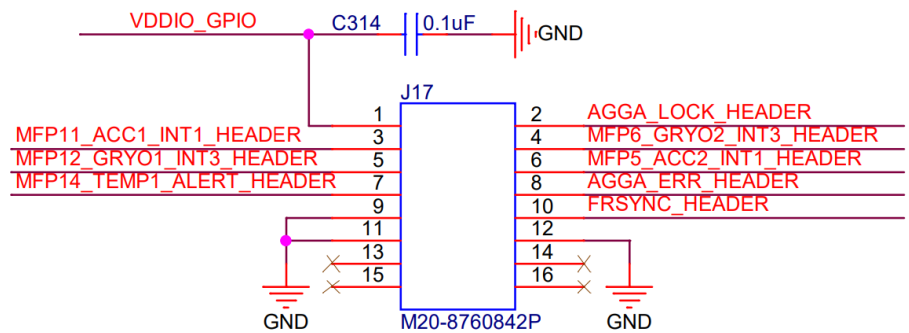
Jumper for IO Power



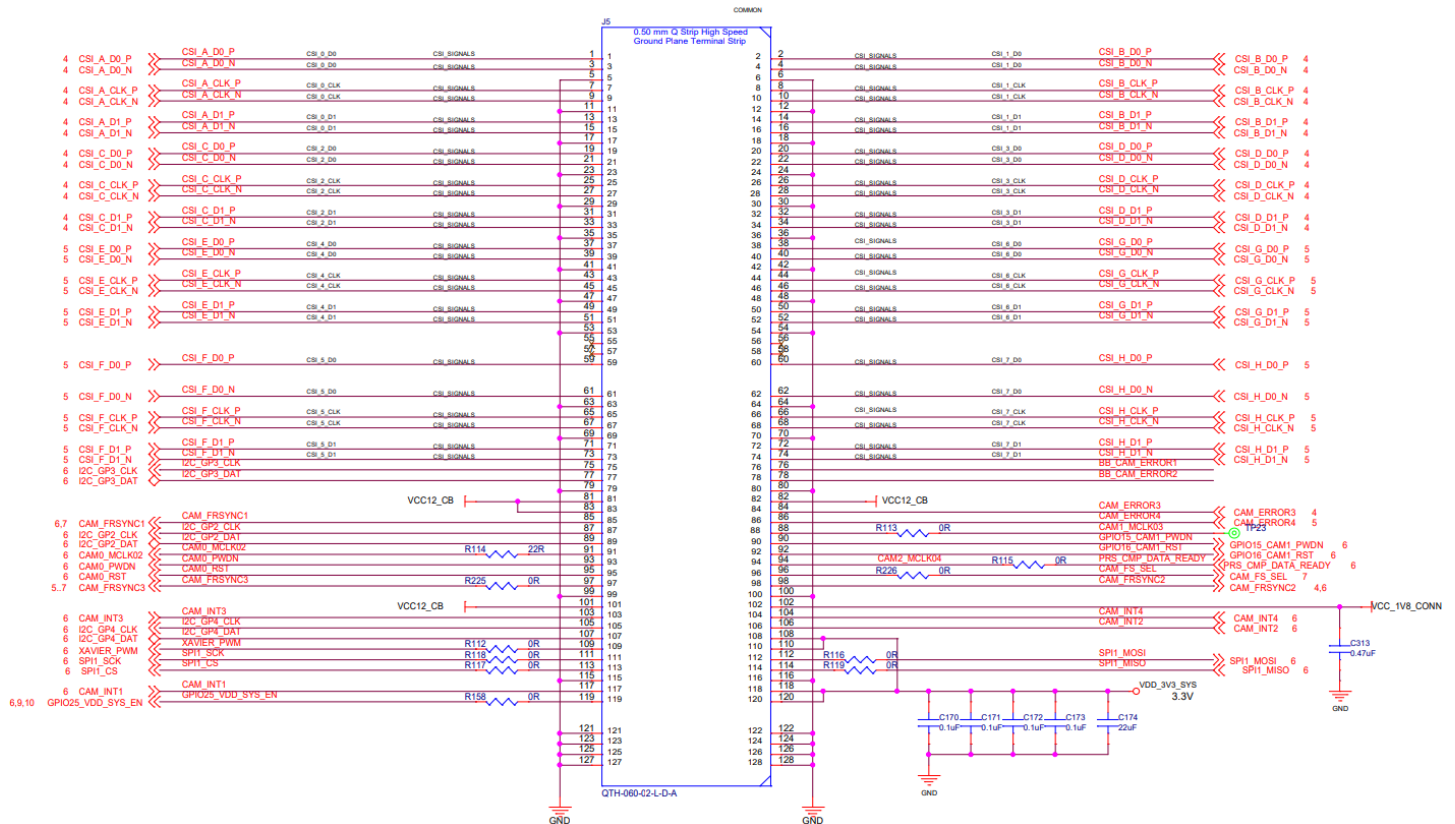
1-2:1V8 (In Default)
2-3:3V3

● IO CONNECTOR J17

- Part#: M20-8760842P
- Number of Positions: 16
- Number of Rows: 2
- Pitch: 2.54 mm
- IO Voltage Level: 1.8V



INTERFACE J5



- Part#: QTH-060-02-L-D-A
- Number of Positions: 120
- Number of Rows: 2
- Pitch: 0.50 mm

● REVISION HISTORY

Revision	Description	Release Date
0.1	Initial draft.	23 Nov 2022
0.2	Upgraded board version from V1.0 to V2.0	06 Apr 2023

910 Auburn Ct, Fremont, CA 94538, USA
Phone: +1 (408)263-0988
Fax: +1 (408)217-1960
Email: sales@leopardimaging.com
Website: www.leopardimaging.com



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Leopard Imaging:](#)

[LI-JXAV-MAX96712-ADP-8CAM](#)