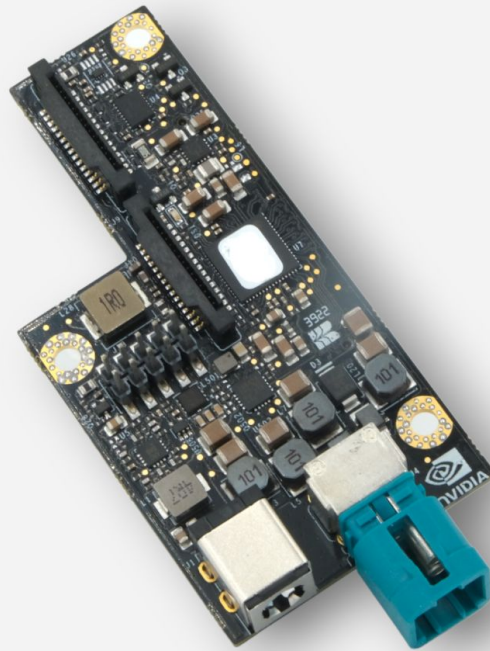


ZED X | Capture Card

GMSL2 (MAX96712) Deserializer board

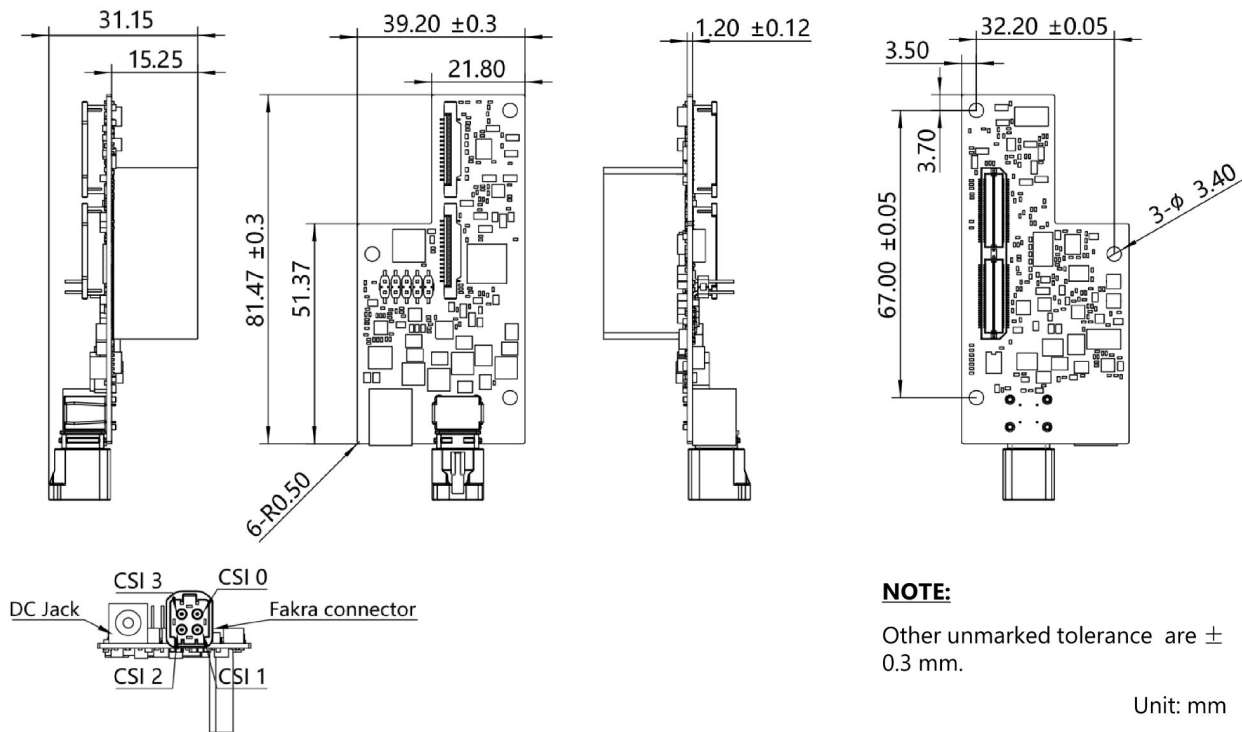


GMSL2 Capture Card for ZED X cameras

TECHNICAL SPECIFICATIONS

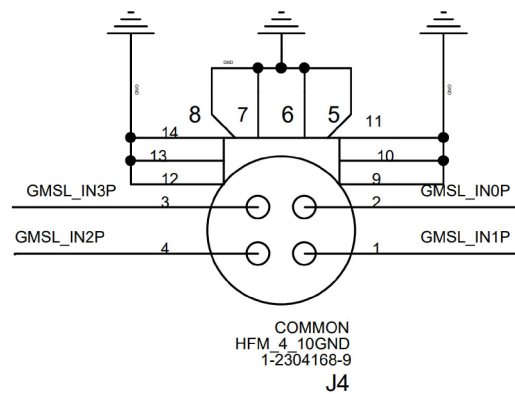
- Compatible with NVIDIA Jetson AGX Orin™, Orin™ NX and NANO Developer Kit
- Compatible with NVIDIA Jetson AGX Xavier™, Xavier™ NX and NANO Developer Kit
- Supports up to 2 ZED X/ ZED-X Mini cameras and 2 mono cameras
- Supports external 19 VDC power supply
- Deserializer: Maxim MAX96712
- Operating temperature: -20°C ~ +85°C
- Weight: ~ 30 g

Dimensions



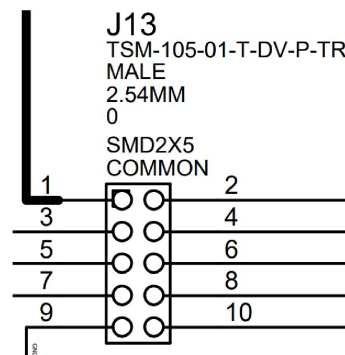
Interface J4 (Fakra)

- Part number 1-2304168-9
- 4 pins



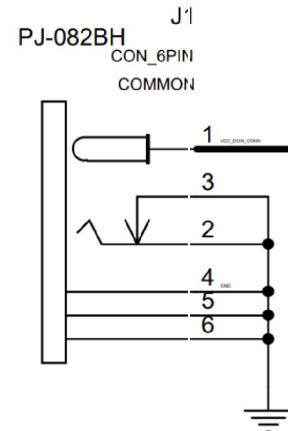
Interface J13 (GPIO Header)

- Part number TSM-105-01-T-DV-P-TR
- 10 pins



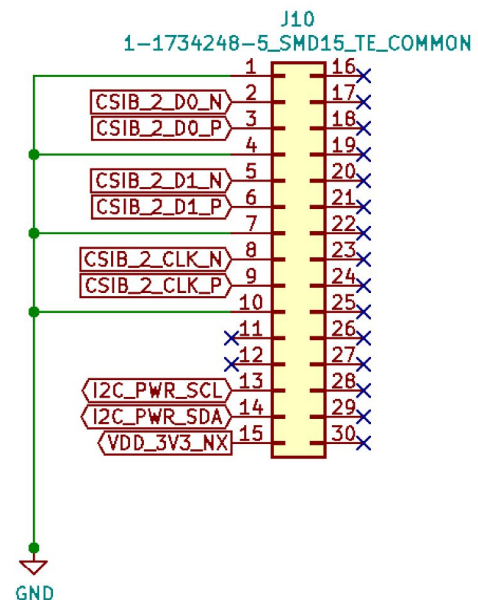
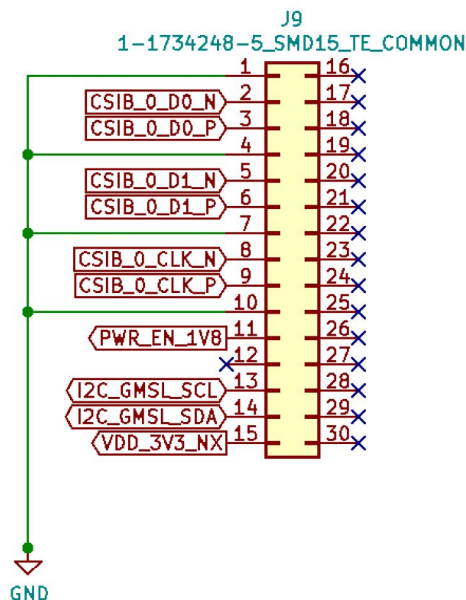
Interface J1 (External 19V)

- Part number J-082BH
- DC Jack
- Inner diameter : 2.5mm
- Outer diameter : 6.5mm



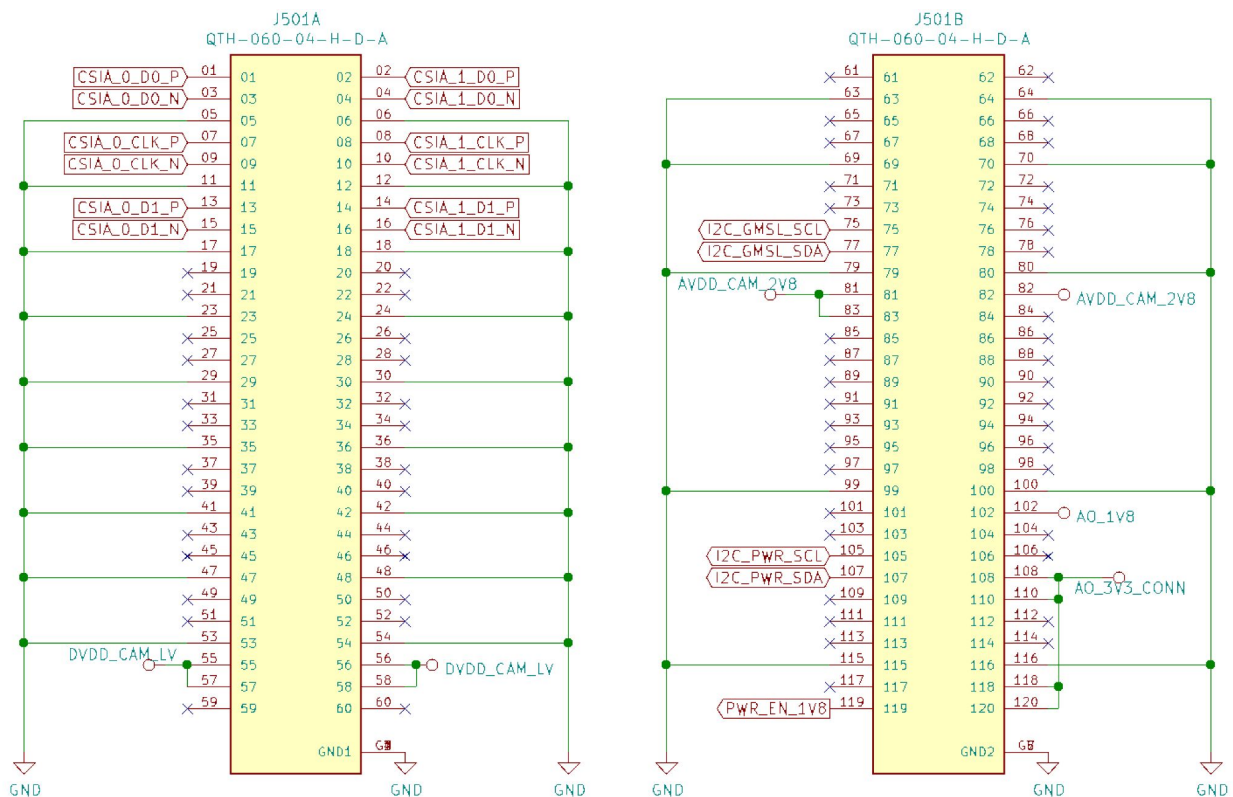
Interface J9 and J10 (MIPI CSI 15 pins)

- Part number 1-1734248-5
- 2x15 pins
- Can be connected to Jetson Orin and Xavier NX and Nano Developer Kits using Arducam 15 to 22 MIPI cables
- Can be used with Stereolabs ZED Box Xavier NX or Orin NX
- Cannot be used simultaneously with the Samtec 120 pins connector J501 mm



Interface J501 (Samtec to AGX)

- Part number QTH-060-04-H-D-A-TR
- 120 pins
- Can be used with Orin AGX and Xavier AGX Developer Kits
- 16mm board to board distance



Revision history

Revision	Description	Release date
1.0	First release	03/21/2023