

*ZED Link Mono Capture Card

GMSL2

Deserializer board

Compatible with NVIDIA Jetson Orin™ Nano,

NVIDIA Jetson Orin™ NX

Supports all ZED Cameras

Requires external 5V to 19V DC power supply

Typical power consumption ~0.24W

Support Power over cable (12V out)

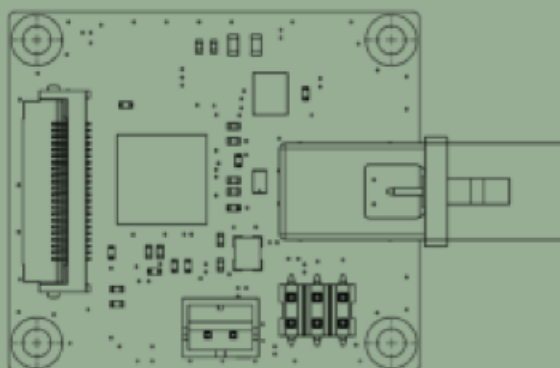
Supports External Trigger / HW Sync through

MFP0 (Out) and MFP1 (In) (J4 Header)

Deserializer: Maxim MAX9296A

Operating temperature: -20°C ~ +85°C

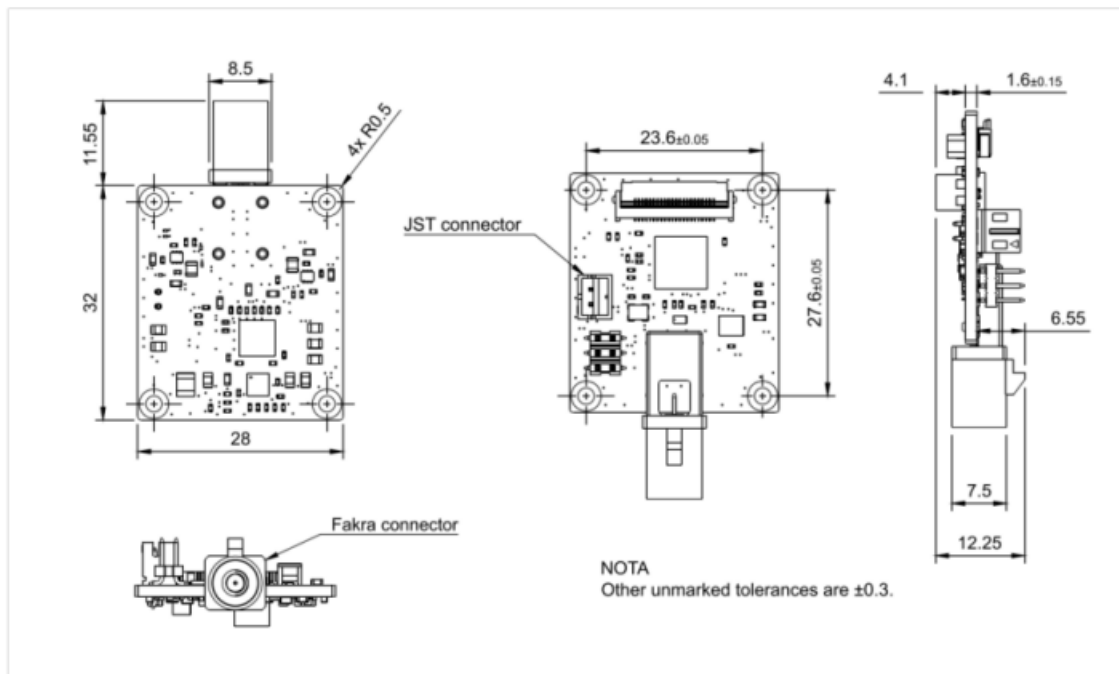
Weight: ~ 8 g



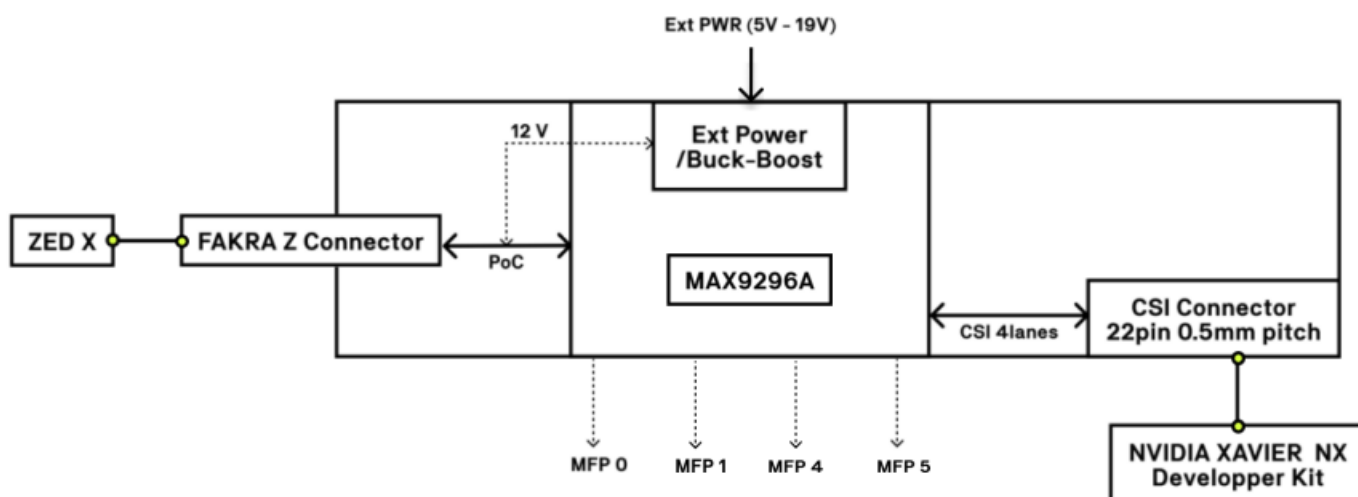
rev. Mar. 2025

*ZED Link Mono Capture Card Technical Specifications

Dimensions



Functional diagram

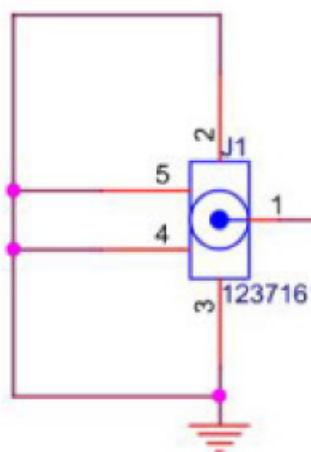


* ZED Link Mono Capture Card Interfaces

Interface J1 (Fakra)

part number 59s2AQ-40MT5-z_1

1 GM SL2/O



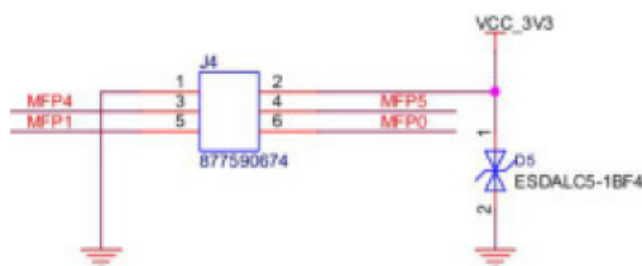
Interface J4 (GP IO Header)

part number Mole x877590674

6pins 2 mm pitch

MFP0 is used as F sync output(master mode)

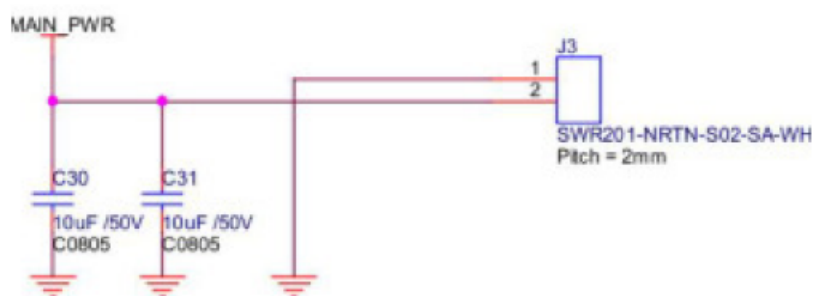
MFP1 can be used as F sync Input (slave mode)



Interface J1 (External 5v - 19v)

part number swR201-NRTN-S02-SA-WH Or B2B-PH-K-S

pitch 2 mm



* ZED Link Mono Capture Card Interfaces

Interface J2 (MIPI CS122 pins)

part number Mole x 505278-2233

22 pins 0.5 mm pitch

use a 15 pins 1mm pitch to 22 pins 0.5mm pitch cable for Jet son xavier Nx or Nano dev kit

use a cables 22 pins 0.5mm pitch to 22 pins 0.5mm pitch opp side for orin NX/Nano dev kit

