

# \*ZED Link Quad Capture Card

## GMSL2

### Deserializer board

Compatible with NVIDIA Jetson AGX Orin™

Supports up to 8 ZED X GS / ZED X Mini GS /  
ZED X One GS and up to 4 ZED One 4k

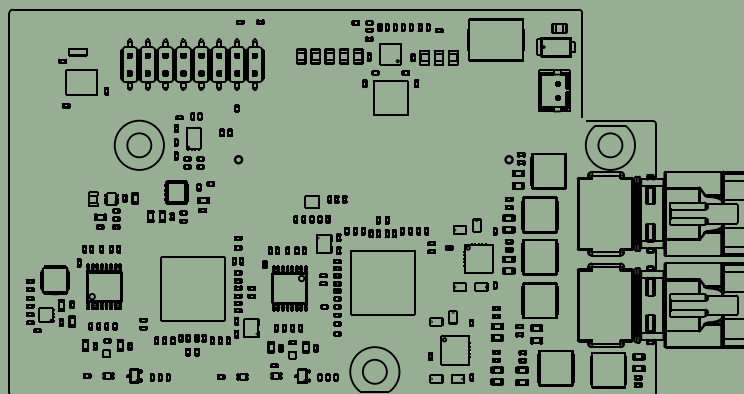
Requires external 9V to 19V power supply

Typical power consumption ~0.29W

Deserializer: 2 x Maxim MAX96712

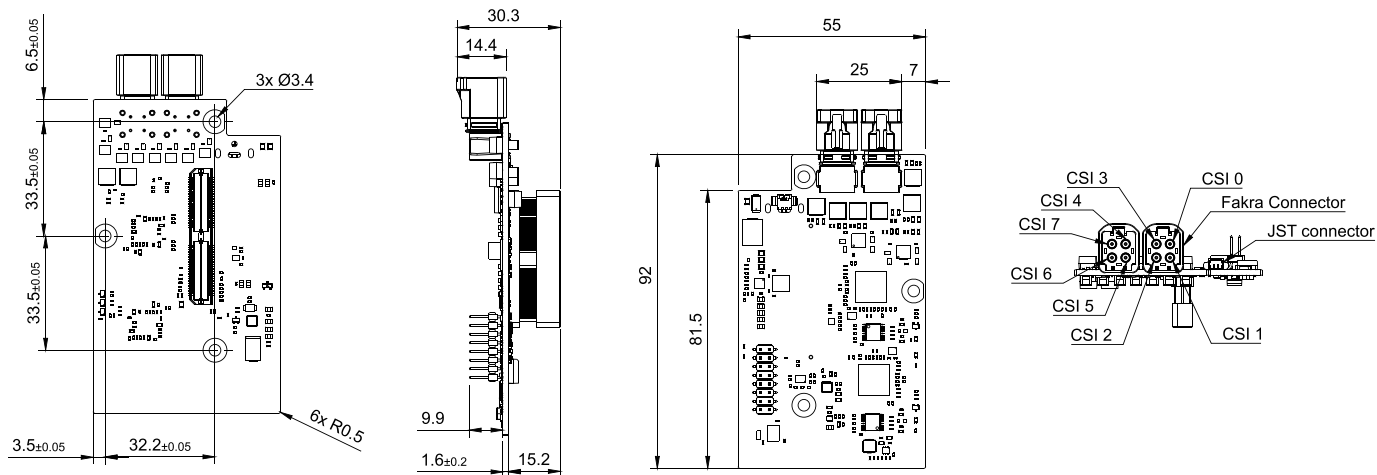
Operating temperature: -20°C ~ +75°C

Weight: ~ 55 g



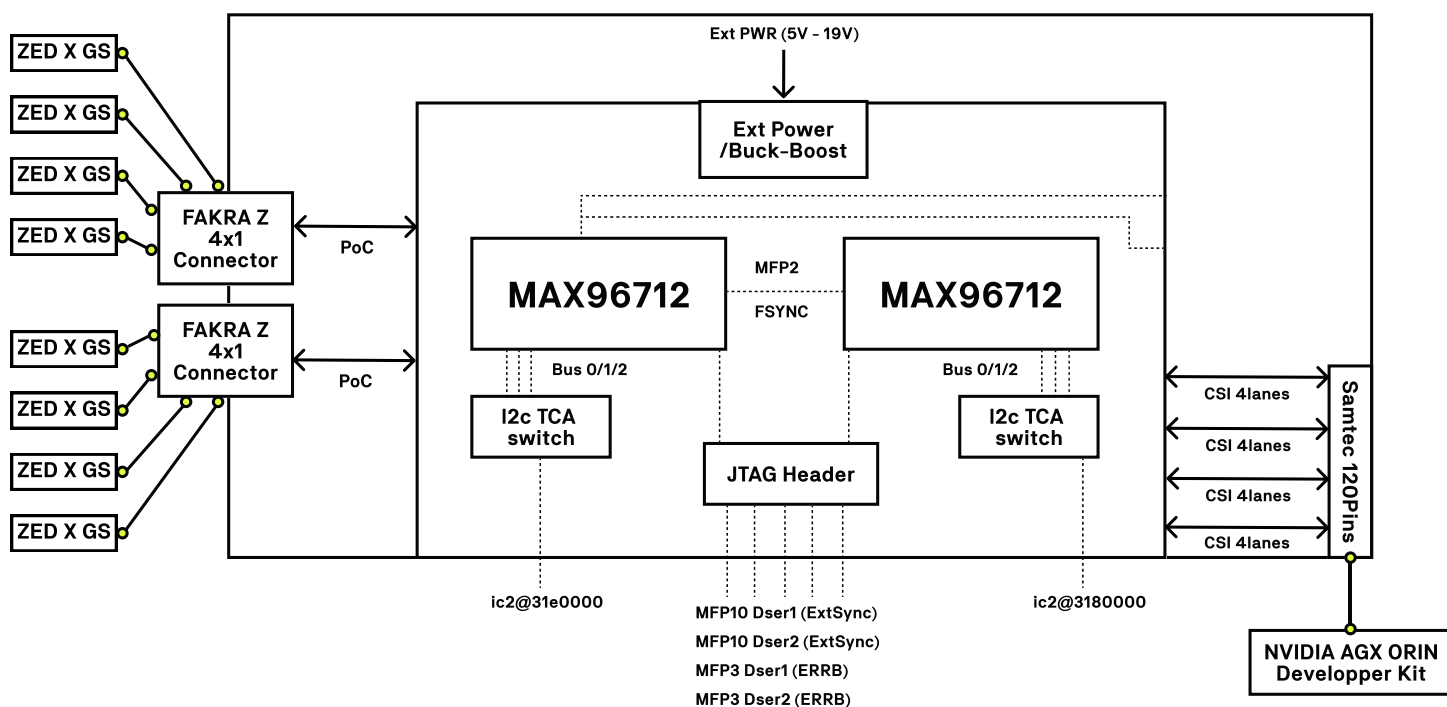
# \*ZED Link Quad Capture Card Technical Specifications

## Dimensions



NOTA  
Other unmarked tolerances are ±0.3mm

## Functional diagram

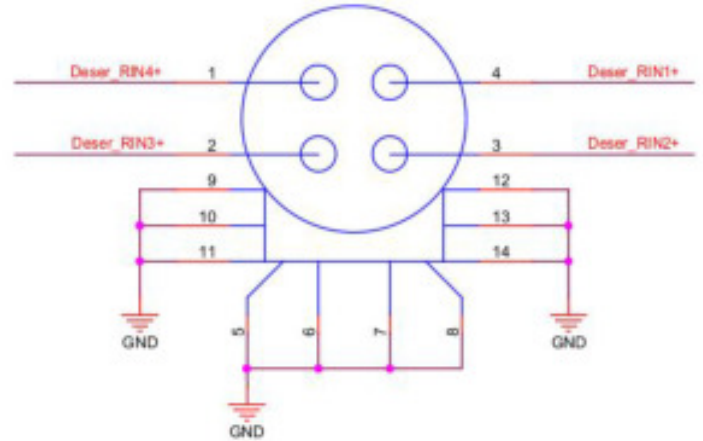


# \*ZED Link Quad Capture Card Interfaces

Interface J1 & J2 (Fakra Z 4x1)

Part number TE 1-2304168-9

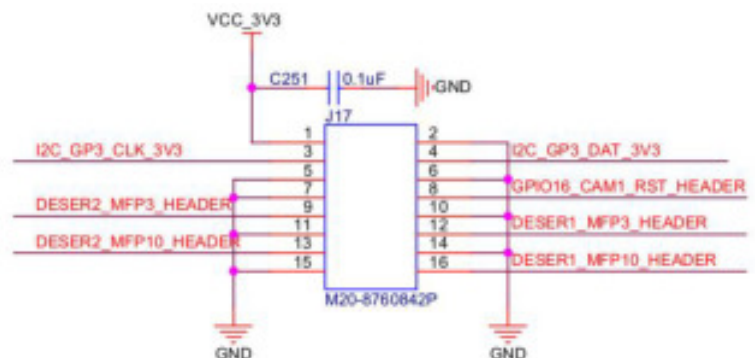
2x 4 GMSL2 I/O



Interface J17 (GPIO Header)

Part number Harwin M20-8760842P

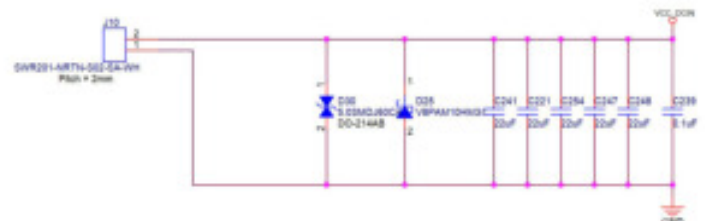
16 pins 2.54mm pitch



Interface J10 External Power (5V - 19V) - Required

Part number SWR201-NRTN-S02-SA-WH or B2B-PH-K-S

Pitch 2 mm



# \*ZED Link Quad Capture Card Interfaces

Interface J5 (Samtec to AGX)

Part number Samtec QTH-060-04-H-D-A-K-TR

Can be used with Orin AGX and Xavier AGX Developer Kits

16mm board to board distance

