

Key Features

- Compatible with Qualcomm SA8155 platform
- ON SEMI 2.3MP AR0231 Sensor
- Optical format: 1/2.7"
- Pixel size: 3 x 3 μm
- Maximum resolution: 1920 (H) x 1024 (V)
- Frame rate: 28.7 fps max
- YUV output without compression
- Includes AP0200 ISP
- Lens: FOV H 57° / 176°
- GMSL2 Serializer
- Powered over GMSL cable
- Connector: FAKRA Z TYPE
- 9V - 19V @ < 2W
- Water proof: TBD
- Operation Temp: -40°C ~ +85°C
- Storage Temp: -40°C ~ +85°C
- Weight: ~ 49 g
- Part#:

LI-AR0231-GMSL2-CFM-xxxH-010



Application

- Automotive ADAS
- ADAS + Viewing Fusion
- Security and Surveillance

Cable Connector

- Housing Connector: FAKRA Z Type
- Cable length: 3 meters



Ordering Information

Part#: LI-AR0231-GMSL2-CFM-xxxH-yyy

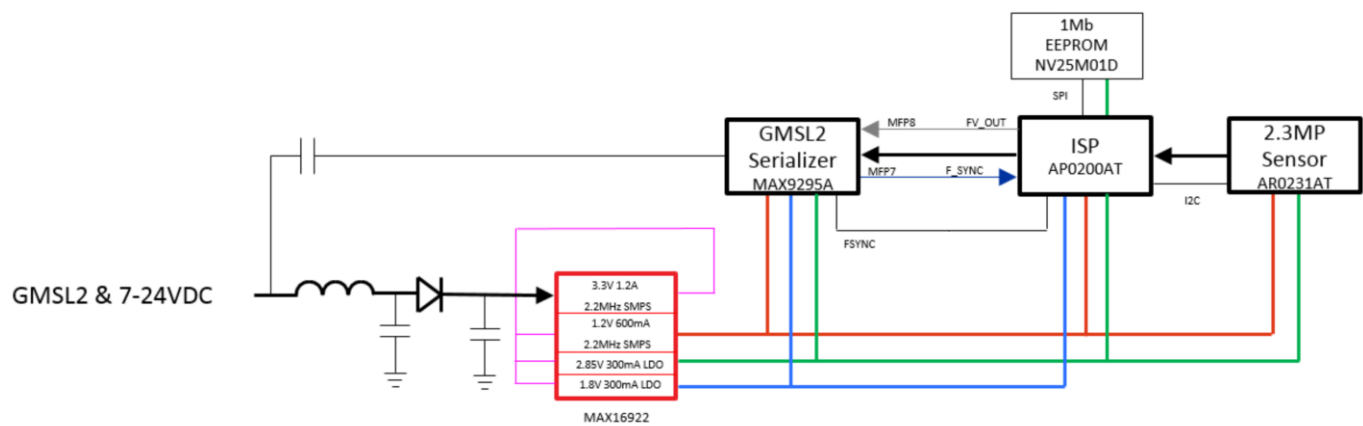
- xxx (Lens FOV)
 - o 057
 - o 176
- yyy (- glue/unglue, ISP or noISP, IMU or noIMU)
 - o Glue / Unglue (lens)
 - 1: Glue
 - 0: Unglue
 - o ISP
 - 1: ISP
 - 0: No ISP
 - o IMU
 - 1: IMU
 - 0: No IMU

[illegible]

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Camera Block Diagram



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Revision History

Revision	Description	Release Date
1.0	First Release.	19. Oct. 2019
1.1	Deleted lens model info and 200H lens and updated storage temp info.	04. Aug. 2023
1.2	Deleted 3 meters fakra cable P/N.	06. Nov. 2024
1.3	1. Deleted BOM and waterproof. 2. Updated dimensions, ordering information and pictures on the first page.	23. Jan. 2025

