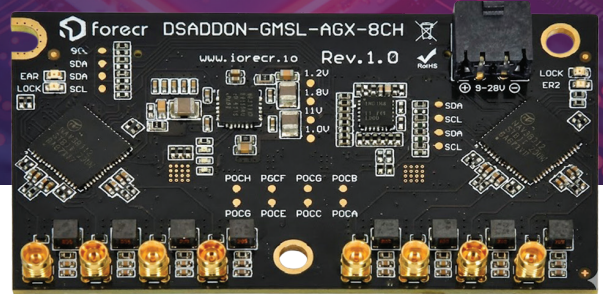


DSADDON-GMSL-AGX-8CH

8-CH GMSL BOARD FOR AGX BASED SYSTEMS



KEY FEATURES

- › **GMSL2 Protocol Support:** Ensures high-speed, reliable data transmission for up to eight connected cameras.
- › **Ruggedized Connectors:** Utilizes locking MMCX connectors, ideal for IP-rated systems demanding high durability.
- › **Power over Coax (PoC):** Built-in PoC capabilities eliminate the need for separate power connections, streamlining installations and reducing wiring complexity.
- › **Operating temperature:** -40C +85C
- › **Current Limiting Protection:** Each camera output is safeguarded with current limiting protection, ensuring stable performance and enhanced safety.
- › **High Current Output:** Delivers up to 300mA per channel, accommodating various camera power requirements.
- › **External Power:** Supports an external 12-30V power connector for scenarios requiring higher power consumption, ensuring adaptability for various operational demands.

SPECIFICATIONS

Protocol	GMSL2
Camera Connections	Up to 8
Connectors	MMCX
Power over Coax	Yes
Current Output	Up to 300mA per channel
PoC Voltage Options	11V
External Power Connector	12-30VDC
Protection	Current limiting protection per camera output

The GMSL BOARD is based on the MAX96712 deserializer and is designed to support the GMSL2 protocol, providing robust connectivity for advanced camera systems. This product is engineered for IP-rated ruggedized systems and offers seamless integration with locking MMCX connectors.



Industrial Automation



Surveillance Systems



Automotive Camera Systems



Military and Defense Imaging Systems



Railway



Transportation

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