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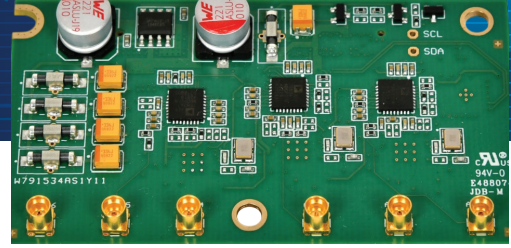
DSADDON-**AVDCDR-AGX-6CH**

HIGHLIGHTS

› Provide six independent analog video inputs through rugged MMCX connectors

› Supports NTSC, PAL and SECAM

› No external power needed

› Industrial temperature rating of -40C to +85C

› Compatible with AGX Orin developer kit pinout

TECHNICAL SPECIFICATIONS

Interfaces	6x MMCX Analog Video Input Connectors
CSI Output	Utilizes board-to-board connector to deliver MIPI-CSI2 video signals
No Extrenal Power Needed for Low-Power Use Cases	Operates efficiently without external power in low-power setups, further simplifying deployment
Ruggedized Connectors	Utilizes locking MMCX connectors, ideal for IP-rated systems demanding high durability
Form Factor / Dimensions	73.6mm x 41mm x 18mm, 20 gr

Empower your edge AI applications with the DSADDON-AVDCDR-AGX-6CH, a high-performance analog video capture solution designed for the most demanding environments. Featuring six independent MMCX analog video inputs with support for NTSC, PAL, and SECAM, this rugged add-on board seamlessly delivers MIPI-CSI2 video signals to AGX Orin platforms. Built for reliability, it operates without external power and withstands industrial temperatures from -40°C to +85°C, making it ideal for defense, aerospace, marine, and transportation applications. With its compact form factor, robust locking connectors, and low-power efficiency, the DSADDON-AVDCDR-AGX-6CH ensures unmatched durability and simplified deployment for mission-critical video processing.

Defense

Aerospace

Marine

Transportation

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DSADDON-AVDCDR-AGX-6CH

BLOCK DIAGRAM

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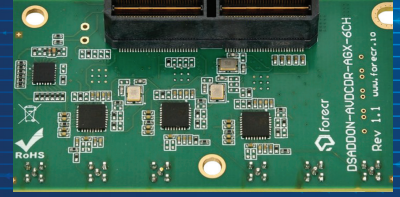VAT No: EE102592089
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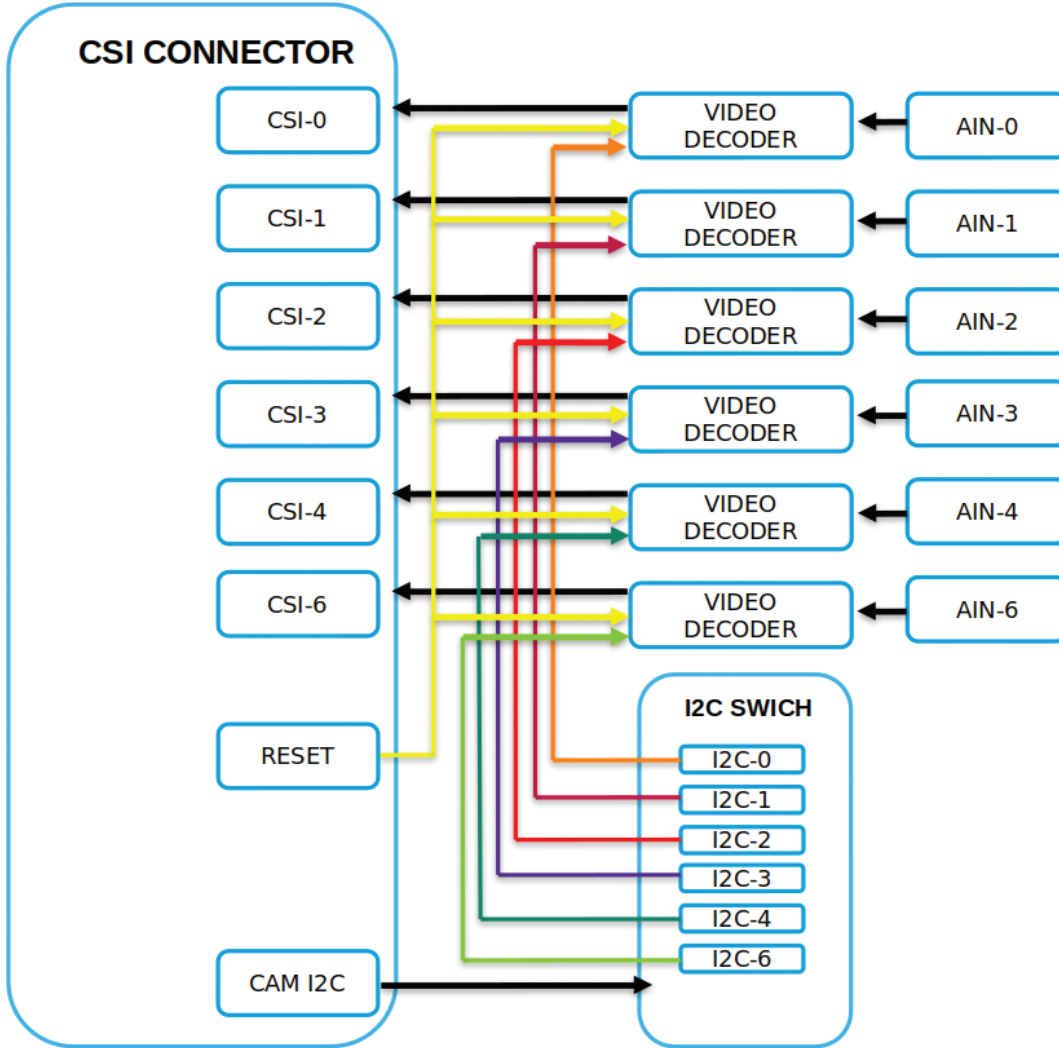Akadeemia tee 21/1 (II-floor), Room 219, 12618, Tallinn, Estonia

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