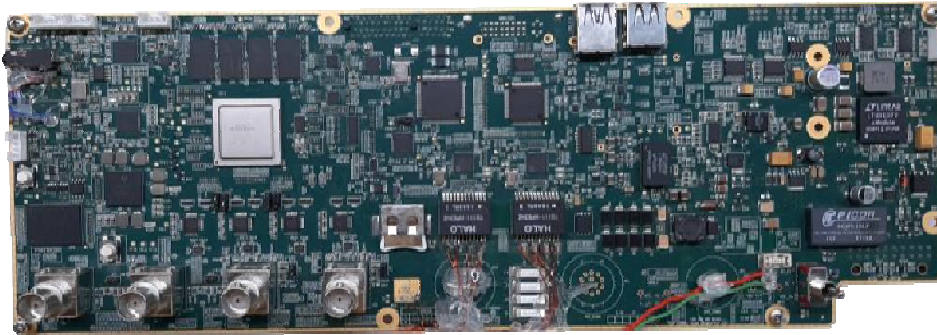




6U PROCESSOR CARD - ICS-6U01PDE

DESCRIPTION:

ICS-6U01PDE is Sitara Processor based card if 6U slot B Rugged card that is integrated with various standard interfaces like 2 Nos of USB, 2 Nos. of RS422, RS232. Processor is a Dual- or quad-core Arm® Cortex®-A53 microprocessor subsystem at up to 1.1 GHz and incorporated with Up to 2MB of on-chip L3 RAM with SECDED, Multi-core Shared Memory Controller (MSMC). Additionally ICS-6U01PDE is incorporated with two numbers of Gigabit Ethernet Ports out of which 1 port has Power Over Ethernet option. ICS-6U01PDE has interface to 4 Nos of simultaneous composite video sources via on Board BNC connectors and has a on-board storage capacity of 16GB eMMC NAND FLASH and one microSD card slot. ICS-6U01PDE can be Powered On using 12V standard SMPS



FEATURES:

- Single-lane x1 PCIe interface
- Gigabit LAN port
- POE Gigabit port
- 3.5mm audio jack connector
- UART interface
- Rugged meeting MIL-STD-461E
- 1-DVI-I display support.
- NTSC/PAL Camera Connectivity
- On Board Memory
- Full SDK support for Windows or Linux
- Meets MIL-STD-461E
- DDR Subsystem (DDRSS)
- Supports DDR4 memory types up to DDR-1600
- 8 GB of total addressable space
- General-Purpose Memory Controller (GPMC)

SPECIFICATIONS:

- Processor : Sitara Processor - AM65xx
- Standard Ports : 2x-GigE (1 with POE);
- Peripherals : 2x-RS422
; 2x-RS232
; 2x-USB 2.0
; 4x-UART
- Storage : 16GB eMMC NAND FLASH
; 1-micro-SD card
- Software : Full SDK support for Windows or Linux.
- MIL-STD-461E : CE101, CS101, CS114, CS116,
RE102, RE103, RS103
- Operating Temp : -40°C to 85°C
- Storage Temp : -55°C to 105°C
- Vibration (random) : 0.1 g²/Hz (15-2K Hz)
- Shock : 40g peak, 11 ms half-sine
- Dimensions : 160 × 233 mm
- Form Factor : 6U size

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