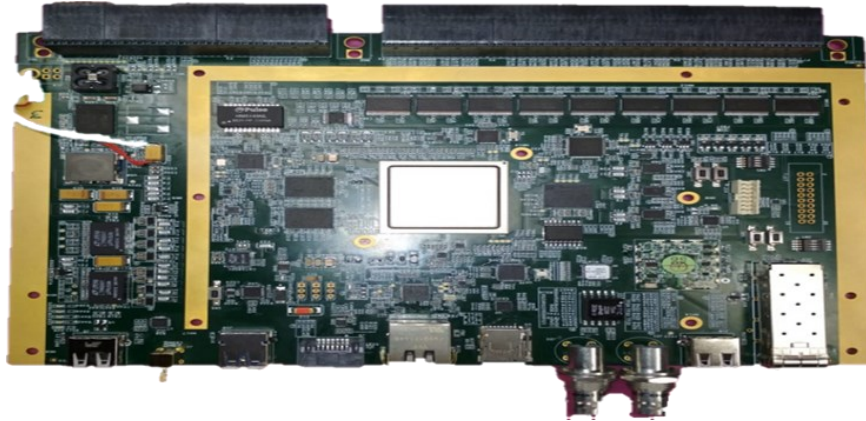


## 6U- VPX based FPGA Card - ICS-6UVPX-THC01

### DESCRIPTION:

The 6U- VPX based FPGA Card is used for upgrade of the Multi-Emitter Simulator. The hardware architecture is based on Zynq Ultra scale device which as in built processor and FPGA resources with enough block RAMs for the dynamic simulation requirement along with all the requisite interface and memory requirements



### FEATURES:

- Zynq Ultra scale FPGA
- 10/100/1000 base-T Ethernet Interface
- 200MHz On board clock
- MIL1553B Interface
- Dual QSPI flash
- USB3.0/USB2.0
- SD Card Slot
- Signal Integrity, Power Integrity and Thermal Analysis
- PCI Express interface routed to VPX connectors
- 6U VPX Form Factor
- 28V DC power Input

### SPECIFICATIONS:

- Processor: Zynq Ultrascale
- Clock Source: 100 MHz, 33.33 MHz
- RAM: DDR4, DDR3, DDR3L
- Other Memories: eMMC4.51 Managed NAND flash, serial NOR flash, SD CARD
- Interfaces: PCI Express Compliant with PCIe® 2.1; SATA
- Transceivers: 4x PS-GTR up to 6.0Gb/s
- Other Interfaces: USB 3.0
- Standard Interfaces: MIL-1553, SGMII tri-speed Ethernet
- Power Supply: 28 V Input

### APPLICATIONS:

#### INNOVATION COMMUNICATIONS SYSTEM LTD,

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