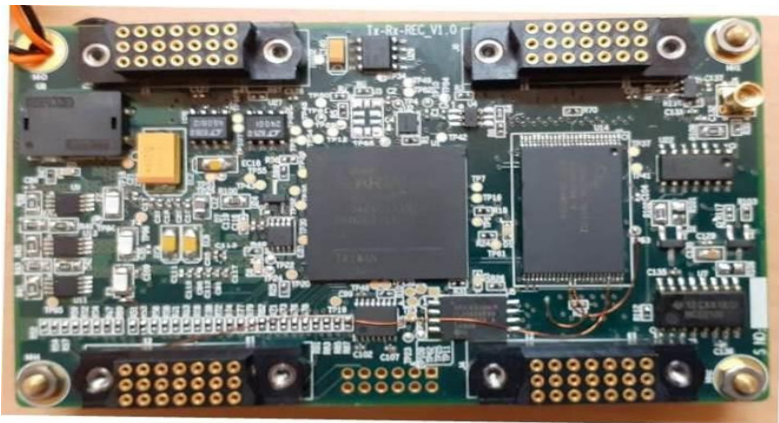




## FPGA and CONTROLLER BOARD- ICS-CZ04FDC

### DESCRIPTION:

ICS-CZ04FDC is a rugged industrial grade Spartan 6 FPGA board with Integrated Memory Controller blocks, embedded with STM micro controller. The Spartan 6 FPGA has Low-cost PCI® technology support compatible with the 33 MHz, 32- and 64-bit specification. CZ04FDC is provided with Nicomatic CMM100 lock type connectors to the board edges for easy connectivity. It has on board 512KB Flash Memory and a 30 MHz reference clock. It has standard RS232 peripheral interface and is operated on 24V DC. CZ04FDC is powered by add on multi output power supply card. The CZ04FDC meets MIL-STD-461E standards and the Power Supply card meets MIL-STD-704D.



### FEATURES:

- Spartan 6 series FPGA
- STM Micro controller
- RS422 Interface
- 512Kbyte flash memory
- RS232 Interface
- 24V DC Supply
- RTL (Application Code).
- GUI Design & Integration.
- 30MHz reference clock

### SPECIFICATIONS:

- Processor : Spartan 6
- Memory : 512 Kb Flash
- Interfaces : 2 x RS232  
: 1x RS422
- Reference Clock : 30 MHz On-Board
- Connectors : Nicomatic CMM 100/200 Lock type
- Operating System : Windows
- Input Supply : 24 +/-3V, 5A
- Outputs : 12V, +/-5V, 30-60V variable, 3.3V
- Protection : EMI/EMC, Reverse Voltage
- Standards : MIL-STD-461E
- Operating Temp : -40 deg C to +85 deg C
- PSU card : Meets MIL-STD-704D

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