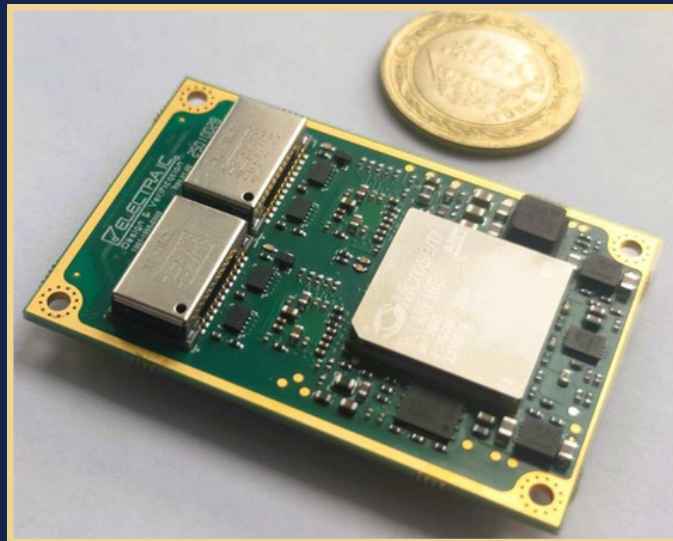


Small Form Factor PCIe ARINC664 End System Board

This small form factor PCIe board allows one dual redundant ARINC664 Part7 channel to be easily added to any small embedded system to provide a cost-effective, lightweight, small-size, rugged and reliable bus interface. The board can meet rugged levels of shock and vibration along with a maximum temperature range of -40°C to +85°C.



Features

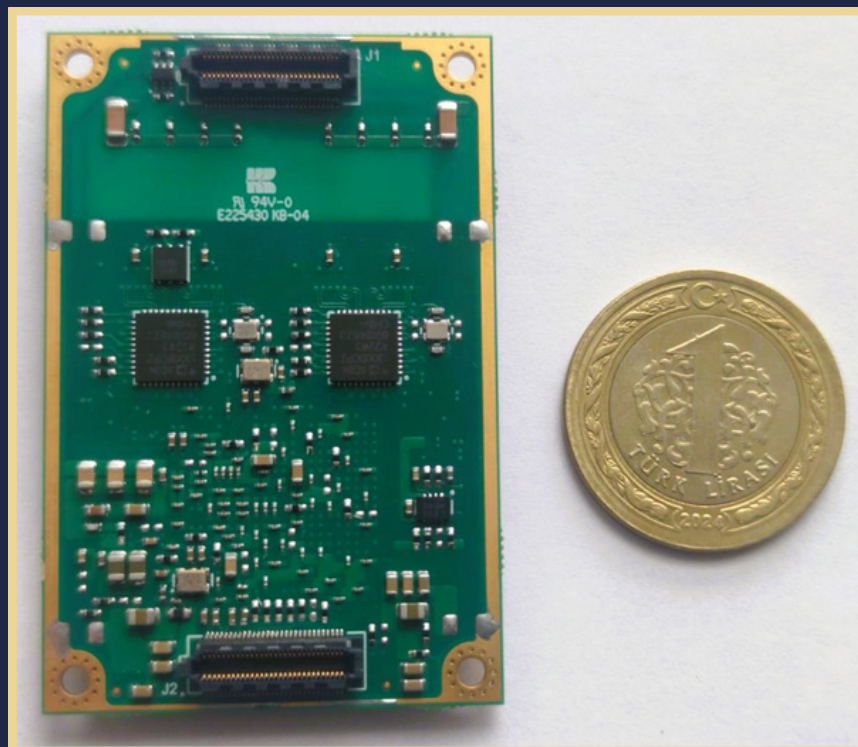
- 32 VL Support
- Adjustable BAG Values (125us - 32ms)
- 64-byte Lmin & 1471-byte Lmax Data Length Support
- Dual Redundancy (Enable / Disable)
- Integrity Check (Enable / Disable)
- Two ARINC664 Ethernet Ports
- 100/1000 Mbps Ethernet
- Discrete I/Os
- JTAG Interface
- High-Level C Software Development Kits for Windows®, Linux® and VxWorks®

Technical Specs

- Microchip MPF200T-FCVG484I FPGA
- Air Cooled Board
- x1 or x4 lane PCIe Host Interface
- 4Gbit Memory DDR3L
- 256 Mbit QSPI Flash
- 100 MHz CMOS Oscillator
- 30mm x 70mm Board Dimensions
- 3.3V DC Power Supply
- -40°C & +85°C Operating Temperature
- RoHS Compliance

Applications

- Avionics Systems Integration
- Aircraft Flight Control Systems
- Aircraft Data Distribution Systems



Ordering Information

Product Code: EIB-20E6D

Description: ARINC664 End System PCIe Board



electraic



www.electraic.com



sales@electraic.com



+90 216 912 0167