TEWS TECHNOLOGIES

The Embedded I/O Company

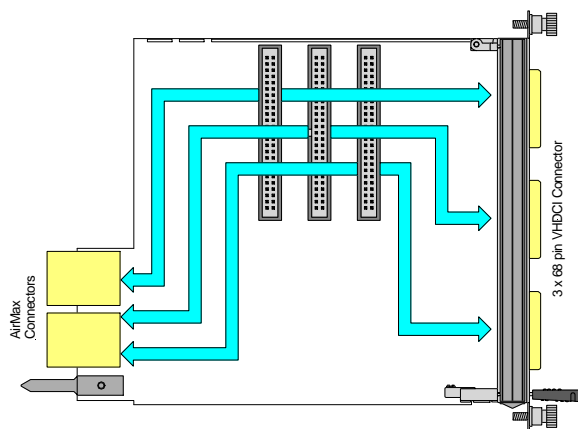# TAMC002-TM   MTCA.4 Rear-I/O µRTM for TAMC220

Application Information

The TAMC002-TM is a standard Mid-Size/Full-Size MTCA.4 compliant Micro Rear Transition Module compatible to the TAMC220.

Two AirmaxVS connectors provide access to all IP I/O lines of the TAMC220. The I/O lines are routed to three VHD68 SCSI-V connectors in the front panel and also to three 50-pin flat cable connectors that may be used for rack internal wiring or laboratory use.

According to MTCA.4, the TAMC002-TM provides an I2C EEPROM, an I2C temperature sensor and an I2C I/O Extender device. The I/O Extender is used to provide various management signals on the µRTM, with the management being handled by the MMC of the TAMC220.

For First-Time-Buyers the engineering documentation TAMC002-TM-ED is recommended. The engineering documentation includes TAMC002-TM-DOC, schematics and data sheets of TAMC002-TM.

Technical Information

- ❏ Form Factor: PICMG MTCA.4 Rear Transition Module
  - ❏ Board size: Double Mid-Size or Double Full-Size
- ❏ MTCA.4 compatible IPMI support
- ❏ I/O Connectors:
  - ❏ VHD68 SCSI-V (front panel)
  - ❏ 50-pol. flat cable
- ❏ Front-Panel LEDs:
  - ❏ Blue Hot-Swap LED
  - ❏ Red Failure LED (LED1)
  - ❏ Green Board OK LED (LED2)
- ❏ Operating temperature -40°C to +85°C
- ❏ MTBF (MIL-HDBK217F/FN2 G_B 20°C)
  TAMC002-TM-xx: 448000h

Order Information

RoHS Compliant

TAMC002-TM-10R	MTCA.4 µRTM for TAMC220. Mid-Size front panel
TAMC002-TM-11R	MTCA.4 µRTM for TAMC220. Full-Size front panel

Documentation

TAMC002-TM-DOC	User Manual
TAMC002-TM-ED	Engineering documentation (TAMC002-TM-DOC, Schematics, Assembly Drawing, Data Sheets)

Related Products

TA307	Cable Kit for modules with VHD68 connector