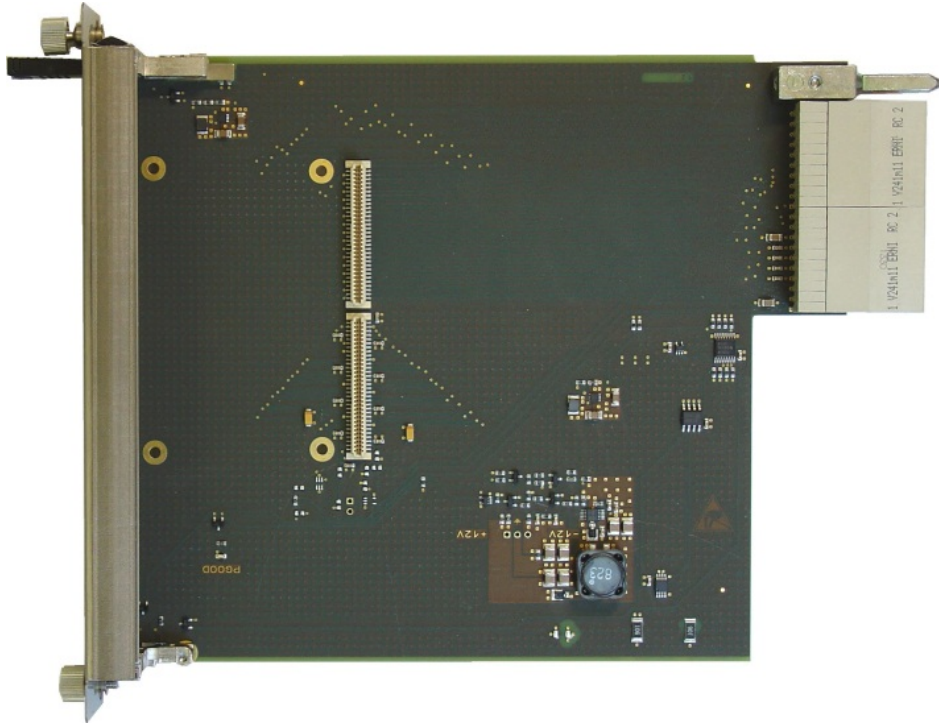## TAMC020-TM   MTCA.4 Rear-I/O µRTM for TEWS TAMC261

Application Information

The TAMC020-TM is a standard Mid-Size/Full-Size MTCA.4 compliant Micro Rear Transition Module for TEWS' TAMC261.
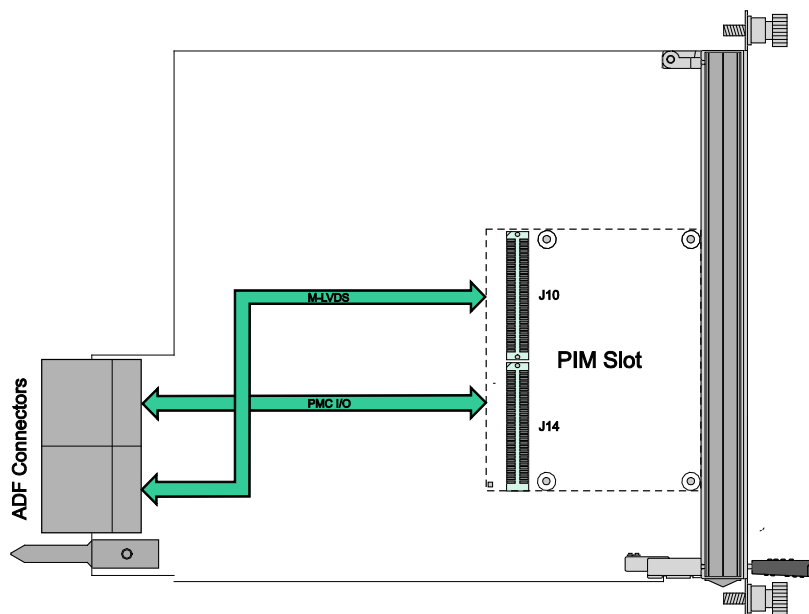
It distributes all P14 I/O lines of a PMC residing on the TAMC261 from the zone 3 interface connectors to a PIM module slot.

Additional lines are connected to the M-LVDS control and data lines of a TAMC261-2xR. These are distributed to normally unused pins of the J10 PIM slot connector so that a special PIM can be used to connect the M-LVDS control and data lines to the PMC back I/O signals.

According to MTCA.4, the TAMC020-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 TAMC261.

Technical Information

❑ Form Factor: PICMG MTCA.4 Rear Transition Module
  ❑ Board size: Double Mid-Size or Double Full-Size
❑ MTCA.4 compatible IPMI support
❑ PIM slot
  ❑ 64 PMC I/O lines
  ❑ 40 additional I/O lines on J10
❑ 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)
  TAMC020-TM: 865.000 h

Order Information

RoHS Compliant

TAMC020-TM-10R   MTCA.4 Rear-I/O µRTM for TAMC261. Mid-Size front panel
TAMC020-TM-11R   MTCA.4 Rear-I/O µRTM for TAMC261. Full-Size front panel

For the availability of non-RoHS compliant (leaded solder) products please contact TEWS.

Documentation

TAMC020-TM-DOC User Manual

Related Products

TPIM001   PIM I/O Module, HD50 connector
TPIM002   PIM I/O Module, HD68 connector
TPIM003   PIM I/O Module, HD68 connector, special pin assignment
TPIM005   PIM I/O Module, HD68 connector, for TPMC863/TPMC363
TPIM006   PIM I/O Module for Quad 10/100/1000 Ethernet PMC

TEWS TECHNOLOGIES GmbH keeps the right to change technical specification without further notice.
All trademarks mentioned are property of their respective owners.

Issue 1.0.0
2013-11-13

TEWS TECHNOLOGIES GmbH
Am Bahnhof 7   25469 Halstenbek, Germany
Phone: +49 (0) 4101 4058 0   Fax: +49 (0) 4101 4058 19
e-mail: info@tews.com   www.tews.com