

### TAMC260 PMC-Carrier for AMC

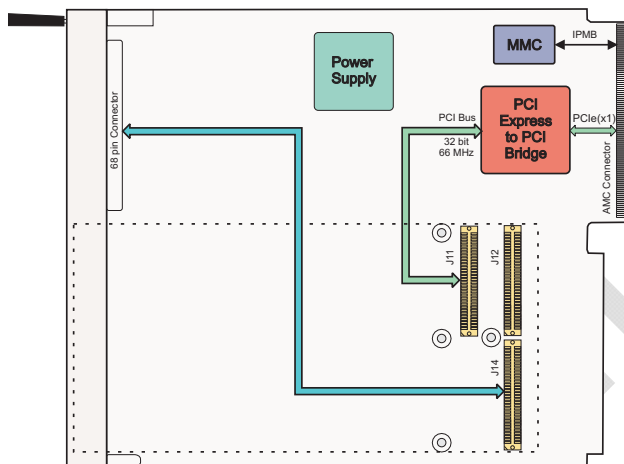
#### Application Information

The TAMC260 is a standard double-width, full-size AMC module that provides one slot for a single-width PMC module used to build modular, flexible and cost effective I/O solutions for applications in process control, medical systems, telecommunication and traffic control.

32 bit PCI accesses are supported on PCI bus with PCI frequency 33 MHz and also 66 MHz. The PLX8112 PCIe-to-PCI bridge provides the real connection between primary PCIe link and the secondary PMC slot. The bridge controls all PCI accesses and the frequency for the PMC access.

The TAMC260 supports front panel I/O, alternatively a 68 pin SCSI-V type connector provides access to the PMC P14 back I/O lines.

The TAMC260 is a versatile solution to upgrade well known legacy I/O solutions to a high performance form factor.



According to AMC.0, the TAMC260 provides an IPMI compliant Module Management Controller (MMC) with temperature monitoring and hot-swap support.

For First-Time-Buyers the engineering documentation TAMC260-ED is recommended. The engineering documentation includes TAMC260-DOC, schematics and data sheets of TAMC260.

#### Technical Information

- Form Factor: PICMG AMC.1 Module
  - Board size: 180.6 mm x 146.5 mm
  - Double-width / Full-size
- PCIe single lane (1x) port (AMC.1 Type 1 compliant)
- IPMI support
- Front Panel LEDs:
  - Blue Hot-Swap LED
  - Red Power Good LED (LED1)
  - Green PMC-Present LED (LED2)
- One PMC site conforming to PMC standard (IEEE 1386.1)
  - Front panel I/O
  - P14 back I/O via a 68 pin SCSI-V type connector
  - PCI 3.0 compliant interface
  - PCI Interface: 33/66 MHz; 32 bit
  - 5V and 3.3V PCI I/O signaling voltage possible
- Operating temperature -40°C to +85°C
- MTBF (MIL-HDBK217F/FN2 G<sub>B</sub> 20°C) TAMC260: TBD h

#### Order Information

- TAMC260-10** PMC-Carrier for AMC, 5V PMC I/O Voltage
- TAMC260-10R** RoHS compliant version of TAMC260-10
- TAMC260-11** PMC-Carrier for AMC, 3.3V PMC I/O Voltage
- TAMC260-11R** RoHS compliant version of TAMC260-11
- TAMC260-DOC** User Manual
- TAMC260-ED** Engineering documentation (TAMC260-DOC, Schematics, Assembly Drawing, Data Sheets)