

Full Range of PICMG AdvancedTCA Designs

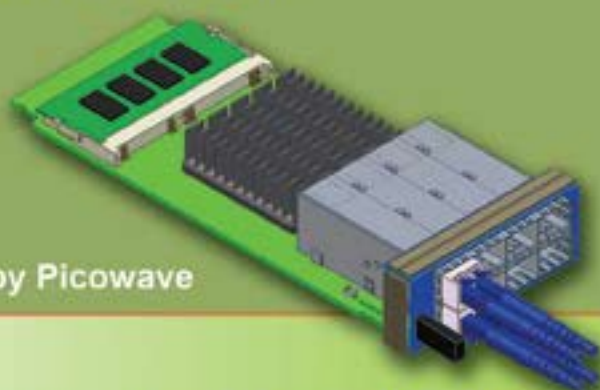
μTCA™

The new platform of choice for communications equipment

Picowave specializes in complete MicroTCA modules design, the emerging new standard for communication equipment.



Optical Links AMC Module



Designed by Picowave

- ▶ IXP420 Processor
- ▶ DDR2 DIMM @ 266 MHz
- ▶ FPGA
- ▶ 8 x 1 Gb SFPs on front panel
- ▶ Optical / copper interfaces
- ▶ 4 channels SERDES (1 Gb) on back panel
- ▶ Hot swap & IPMI

MicroTCA modules are best suited for high density, high-speed optical data communications (SFPs), wide-band multimedia, telecommunications, storage, and more.

MicroTCA poses unique challenges of area and power consumption.

Picowave meets these using advanced design techniques such as Signal Integrity validation and thermal analysis and state-of-the-art implementation technologies, including multilayer PCB and micro-via technologies.

Picowave specializes in design of all PICMG modules: AdvancedTCA, PCI-Express, Compact-PCI and more.

CompactPCI® *The most compatible standard*

- ▶ Intel IXP2400 Network processor
- ▶ DDR2 DIMMs @ 167 MHz
- ▶ 1 Gb Network switch
- ▶ Optical /copper interface (SERDES) on back panel
- ▶ Front panel
- ▶ Hot swap & IPMI



Designed by Picowave

Picowave has many years of experience in designing CompactPCI, PCI-e, PCI-X and PCI cards for communications.