

ADVANCED TCA DESIGN VERIFICATION & OPTIMIZATION

ARE YOU PREPARED
FOR THE NEXT STEP?
WE CAN HELP.

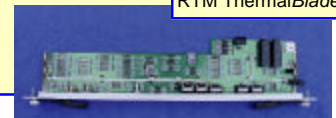
Verify the Thermal and Power Characteristics of Your Entire ATCA Design



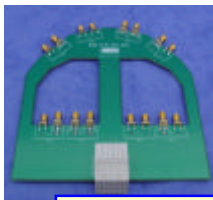
ThermalBlade

- ◆ Test air flow, power load and thermal performance of your chassis, logic cards and backplane in the lab and during manufacturing
- ◆ User switchable load choices for thermal and power analysis
- ◆ Nine on-card thermal measurement points (*ThermalBlade*) and five on-card measurement points (*RTM ThermalBlade*)
- ◆ *ThermalBlade* provides 200W @48VDC per slot over -36 to -72 VDC
- ◆ *RTM ThermalBlade* offers 50W @48VDC per slot over -36 to -72 VDC

RTM ThermalBlade



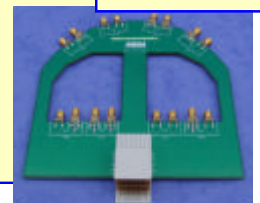
Eliminate the Dependency on Logic Cards and Backplanes to Analyze Your Design



Tx/Rx SignalBlade

- ◆ Verify and evaluate design compliance with Advanced TCA guidelines
- ◆ Sample SERDES signals from node and line cards (*SignalBlade*) and across backplane (*BenchBlade*)
- ◆ Access signals to evaluate bus termination and skew
- ◆ Probe, observe and measure eye-openings
- ◆ Investigate alternatives for optimized designs
- ◆ Flexible connector alignment allows all signals to be easily probed

Tx/Rx BenchBlade



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