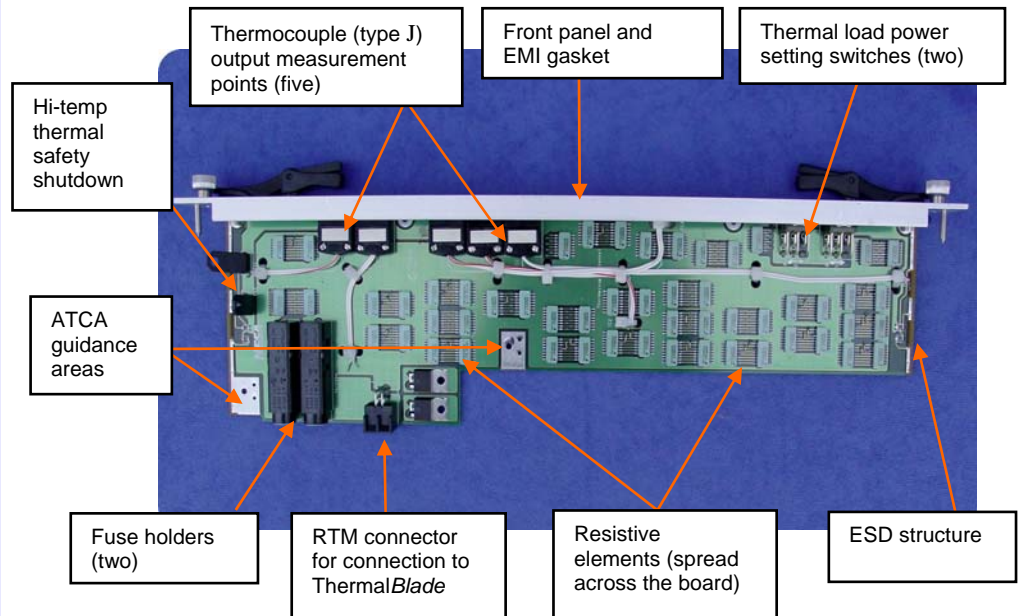


ADVANCEDTCA RTM THERMALBLADE™

Product Overview

The F9 Systems, Inc. RTM ThermalBlade offers the flexibility to verify the airflow, power load and thermal characteristics of your AdvancedTCA chassis, logic cards and backplane designs. Used in conjunction with the ThermalBlade the RTM emulates a typical rear mounted logic card.

Engineers use the RTM during design development in the lab. Once designs are complete the RTM is used in manufacturing system test to verify power and thermal loads.



RTM ThermalBlade Key Product Features

- AdvancedTCA compatible design.
- Provides thermal load of up to 50 watts per slot.
- Operates over the entire -36 to -72 VDC voltage range without damage to the RTM ThermalBlade.
- Mimics aerodynamics of a typical high performance board.
- User switchable variable thermal load choices of no load, 1/2 and full load are provided to test the power and thermal capabilities of an ATCA system and chassis.
- On-card thermal measurement at five measurement points.
- Powered from the companion ThermalBlade.
- All UL and IEC safety design features are incorporated, including fusing, thermal shutdown, and adequate copper weight.
- Designed with ATCA ESD and internationally mandated safety and thermal shutdown features.