

Overview:

The **VRM-AMC-EXT** is a passive extender module, supporting all fabric connectors as defined in the AMC.x and uTCA specifications. The **VRM-AMC-EXT** fits into an AMC slot like a regular AMC module. Therefore, even when inserting the AMC under test into the **VRM-AMC-EXT** the combination of both just occupies the space of a single AMC module. The **VRM-AMC-EXT** provides access to the tracks of payload power and management power voltage. This enables the user to quite easily check these voltages as well as to measure the power consumption of the AMC under test. Using the **VRM-AMC-EXT** all test points on the AMC module under test on both sides (*soldering and assembly side*) of AMC are accessible.

Features:

- **AMC Interface:** All fabrics connected through from AMC rear connector to front connector.
- **Power Consumption:** Due to absence of components the VRM-AMC-EXT draws almost no power from the carrier's power supply.
- **Environmental:** -40°C to +85°C (*operating and storage*). Relative Humidity: 5% to 90% (non-condensing)
- **Standard Compliance:** AMC.0 R1.0 , AMC.1 R1.0 , AMC.2 D0.96a

