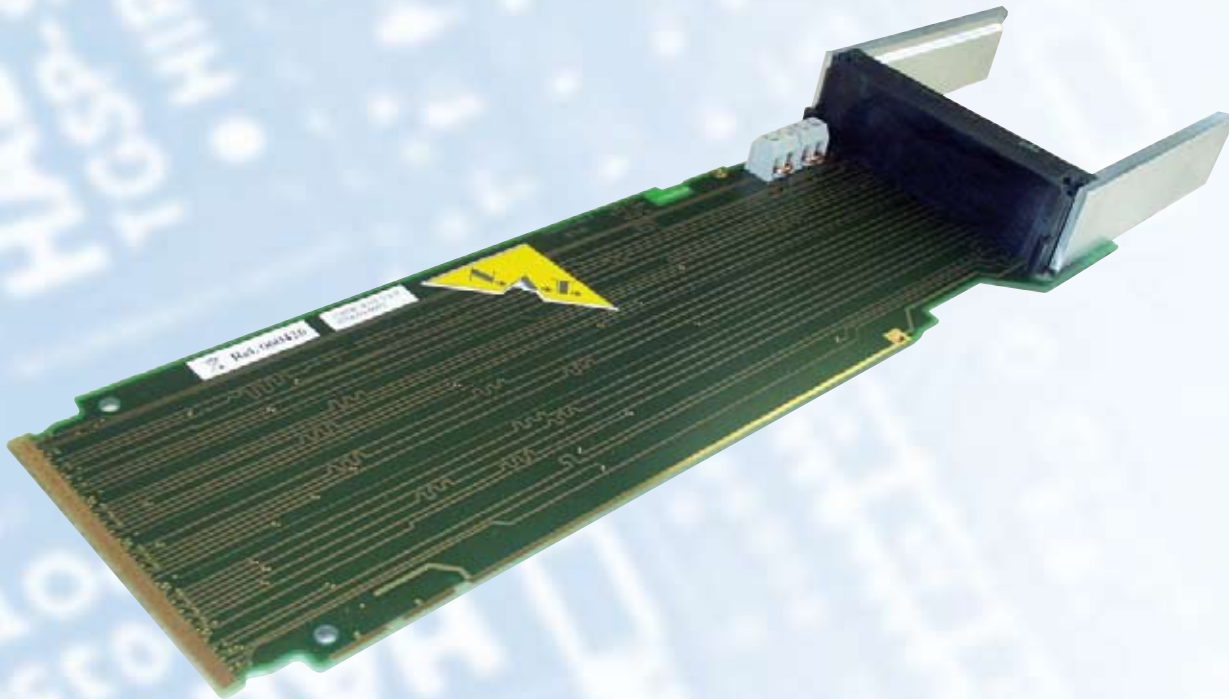




NAMC-EXT



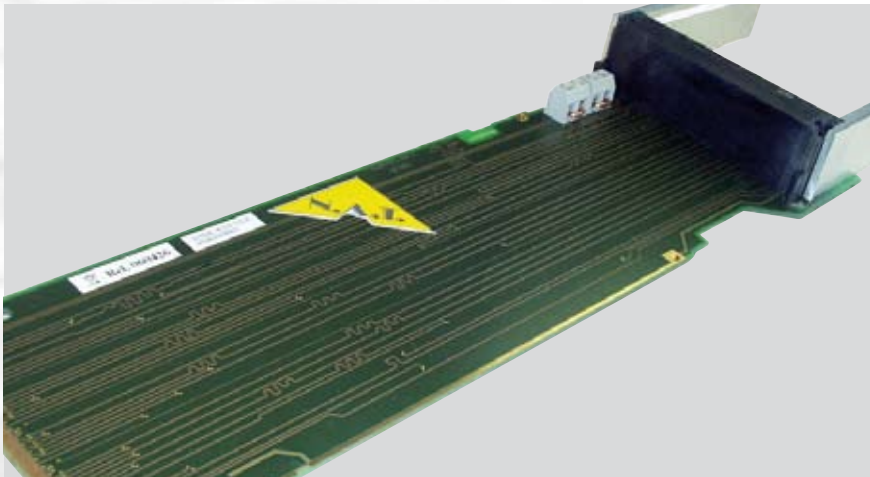
NAMC-EXT

The **NAMC-EXT** is a passive AMC extender module intended for use with an AMC slot on any **Advanced Telecommunication Computing Architecture (ATCA)** board or **Micro Telecommunication Computing Architecture (μ TCA)** system or other carrier board.

It eases debugging of AMC modules by enabling the user to access the module under test from both sides. The **NAMC-EXT** supports all fabric connectors as specified by the **AMC.x** and the **μ TCA** specifications. For the purpose of voltage and current measurements the **NAMC-EXT** allows access to the respective power planes.

The **NAMC-EXT** is targeted at any **ATCA** or **μ TCA** system or any other kind of system used to test and debug AMC module technology.

Technical Data



Overview

The **NAMC-EXT** is a passive extender module, supporting all fabric connectors as defined in the **AMC.x** and **μTCA** specifications.

The **NAMC-EXT** fits into an AMC slot like a regular AMC module. Therefore, even when inserting the AMC under test into the **NAMC-EXT** the combination of both just occupies the space of a single AMC module.

The **NAMC-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 **NAMC-EXT** all test points on the AMC module under test on both sides (*soldering and assembly side*) of AMC are accessible.

AMC Interface

All fabrics connected through from AMC rear connector to front connector

Power Consumption

Due to absence of components the NAMC-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

