

Power Connectors for ATCA

Munich, February 2008 – Yamaichi Electronics now offers power connectors for use in ATCA systems.

ATCA (Advanced Telecommunications Computing Architecture) was initially conceived for telecommunications applications. In the meantime, the system has found applications in the most diverse areas such as, process controlling, image processing, infotainment etc.

The basic specification PICMG 3.0 is focused on the implementation of Advanced Mezzanine Cards (AMC) used on ATCA boards, and can be exchanged in running operation (hot-swappable). For this purpose, Yamaichi already offers various connectors that distinguish themselves above all with their high speed transmission properties and signal integrity. Further information is available using the keyword advancedCMT at www.advanced-cmt.com.

Besides the high speed signal connectors, Yamaichi also has ATCA power connectors in its range.

ATCA power connectors are fitted with a 30 pin version and comply with PICMG specifications. Besides 22 signal pins, there are 8 power contacts available for transmission of up to 16A. A further 4 signal contacts are provided for, and can be loaded for additional applications upon customer request.

High quality, high value turned contacts with a gold film thickness up to 30 µinch have been adopted. The robust plug

housing design allows blind plugging, respectively board orientation.

Yamaichi offers headers (male) as angled versions for use on ATCA boards and the socket (female) as a straight version for use on the backplane. The power connectors are designed for press-fit technology and can be processed with standard tools.

Yamaichi Electronics will exhibit this highlight product at:

embedded world 2008, hall 9 stand 244

Nürnberg from 26 – 28 February

Please contact Manuela Sprich, manuela.s@yamaichi.de for product enquiries or visit our website at www.yamaichi.de. For editorial related questions please contact Franz Rosenberger, franz.r@yamaichi.de.

About Yamaichi Electronics

Yamaichi is a market leader for test & burn-in sockets, connectors and connection systems – areas in which reliability and function safety are essential for the success of the whole project. Yamaichi has established itself very quickly on the world market as a manufacturer of high-quality and reliable components for ambitious applications in the following sectors: telecommunications infrastructure, industrial automation, mobile computer technology, mobile telephones, GPS systems, printers, digital cameras, camcorders, as well as electronic devices in the retail trade, industry and electronics.

Yamaichi Electronics Deutschland GmbH
Karl-Schmid-Str. 9, 81829 München, Germany
Tel. +49 (0)89 – 4 51 09-0
Fax: +49 (0)89 – 4 51 09-110
www.yamaichi.eu