

Evolving High Speed Mezzanine Connectors

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Abstracts

This Bishop and Associates 12-chapter, 214 page research report provides a complete analysis of evolving high-speed mezzanine connectors. Current connector market values and forecasts are provided by bandwidth, region of the world, and end user market for the years 2007, 2008, 2009, and 2013.

Mezzanine architecture offers significant packaging advantages. System density has become a critical issue for circuit designers and can be increased by utilizing the space between daughtercards. Products can be effectively partitioned to provide pluggable modules simplifying repair, customization and upgrading. Printed circuit board routing issues can be simplified and layer count reduced by spreading functions over larger board surface areas.

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Advanced Interconnections Corp. / Emulation Technology Inc.

Amphenol TCS – VHDM Stacker, XCede Stacker, NexLev

ERNI Components – MicroSpeed, MicroSpeed Blindmate,

MicroSpeed Power modules, ERmet Zd Stacker, Right-Angle PCI

Express connector

FCI – MEG-Array, GIG-Array, AirMax VS Stacker, TwinMezz

Fujitsu – FCN-260 BTB Series

HARTING – Micro Card Edge Connector

Hirose – IT-1, IT-2, IT-3

Molex – Plateau HS Mezz, HD Mezz, SEARAY, VHDM Stacker

Samtec – Q-Series, EdgeRate, DP Array, IsoRate, SEARAY,

RAZOR Beam, RU8 Series

Tyco Electronics – Mictor, Step-Z, Multi-Gig RT Stacker

STRADA-Mesa

Yamaichi Electronics USA – CNO99Series

AMC Connectors

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Amphenol TCS – NexLev

ERNI – MicroSpeed

FCI – Meg-Array

FCI – Gig-Array
Fujitsu – FCN260
HARTING – Micro-Card Edge Mezzanine
Hirose – IT-2 Series
Hirose – IT-3 Series
Molex – Plateau H.S. Mezz
Molex – HD Mezz
Samtec – Q Series
Samtec – EdgeRate
Samtec – SEARAY
Samtec – RU-8.
Samtec – RAZOR Beam (SS4/ST4)
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Verdant Electronics
TPL Group
Silicon Pipe
CHE-YU LI & Company
Paricon Technologies

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