Customization Process for Low-Noise Backplane Connectors for Subways

Molex"s Impact System offers multiple compliant-pin design options on both the daughter card and backplane connectors, providing customers ultimate flexibility to optimize their designs for superior ...

Samtec"s XCede® HD high-density backplane system features a small form factor ideal for density-critical applications, and a modular design for flexibility and customizable solutions.

Some connector manufacturers offer not only S parameters, models, and layout guidelines for their connectors but also design support, seminars, and tutorials.

Our portfolio of backplane connectors features high-performance right angle, co-planar, and mezzanine interconnects, used for mating printed circuit boards together. TE engineers use sophisticated 3D ...

Module and backplane considerations: Characterize the backplane prior to inserting the PIC Measure the loss budget using calibration fixtures with the proper adaptor interconnects to break out the signals

Backplane design and simulation can be complicated, but the routing tools and xSignals package in Altium Designer can help expedite the design process for any backplane.

Amphenol-BSI"s range of VPX backplanes is fully customizable to our customers requirements. One such example is the ½ size ATR backplane that uses an OpenVPX65 profile, but the mechanical ...

Early in the design cycle, Amphenol helps customers understand important design trade-offs with integrated backplane system solutions that meet increasing bandwidth needs by optimizing ...

With its unique open pin-field design, the GbX I-Trac System gives customers the flexibility to assign high-speed differential pairs, low-speed signals, power and ground contacts anywhere within the pin ...

Master high-speed backplane design with insights on routing, signal integrity, material selection, and connectors using OrCAD X.

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