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VadaTech Announces a 3U VPX Module Extender with current measure on power rails

Henderson, NV – July 26, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the VPX995.
The VPX995 is an extender card for 3U VPX modules that allows the targeted VPX module to be accessed outside of the chassis. The PCB Material used on the extender is low loss material to mitigate PCB induced differential skew, improve signal rise times, and reduce jitter and inter-symbol interference (ISI).

The extender is available in two optional forms, per ordering Option A. The passive form has all signals are routed straight thru from backplane to the module. This extender reports the power consumption on each of the VPX power rails +12V, +5V, +3.3V, -12V, +3.3V Aux and +12V Aux via a display and the RS-232 port. The active form is providing Clock Data Recovery (CDR) and Exchange Switches that allow loop back on port 0-3 and/or 4-7 (lanes 1~8) either on P1 or J1. The CDR is specifically designed for PCIe Gen3. This active form does not have the current sensing feature nor the display. Please consult with VadaTech Sales to discuss ordering options.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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