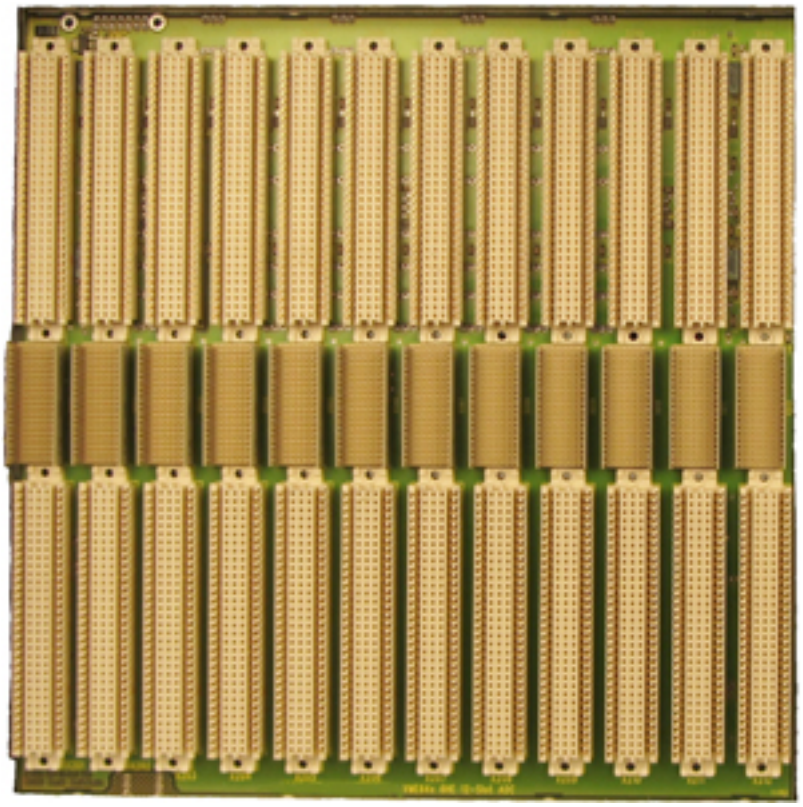
Backplanes feature various power options



Pixus Technologies now offers VME64x backplanes in high-power, pluggable, and standard versions.

VME64x (VME64 extensions) backplanes typically come in a 6U height. Pixus offers 6U VME64x backplanes in various slot sizes with power bugs above and below the slots. To meet VITA 1.7 Increased Current specification or high-power VME applications, Pixus also offers 6.5U high backplanes with extra power bugs on the bottom of the board. The backplanes feature automatic daisy chaining, chassis ground connections, and a 10-layer (typical) multilayer construction. They also have a utility connector for sense, fail, reset, and ground signals.

Another power option for VME-based systems is to use a pluggable 47-pin connector. These can be implement in vertical-mount backplanes parallel to the signal slots. Or, the PSU connectors can be incorporated in horizontal-mount backplanes, extending outside of the card cage in a 9U monolithic format. This is also a common configuration for CompactPCI SlimBox backplanes. Pixus offers 9U VME64x backplanes in the horizontal format in 2-8 slot sizes.

The Pixus Backplane Division also offers backplanes in OpenVPX, CompactPCI, PCIe, ATCA, and custom designs. Pricing for the VME64x backplanes start under $200.00 depending on size, quantity, and options. The lead time is stock to 4 weeks.

Link to the datasheet:
http://www.pixustechnologies.com/assets/VME64x-Backplane-Datasheet.pdf [1]

Source URL (retrieved on *03/06/2014 - 11:25pm*):
http://www.ecnmag.com/products/2012/05/backplanes-feature-various-power-options

Links:
[1] http://www.pixustechnologies.com/assets/VME64x-Backplane-Datasheet.pdf