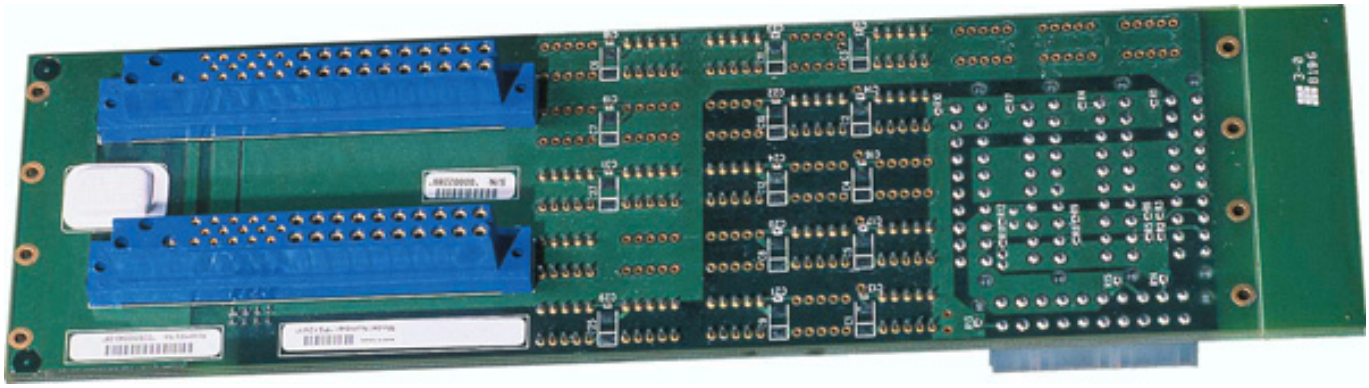
6U dual-power backplane includes current sense/share features

Pixus Technologies has announced a new power backplane with dual 47-pin connectors per PICMG 2.11 power interface specification in the 6U form factor. The power interface board has sense and current share signals to better regulate and distribute power.



The new power interface board physical size comes in 6.5U or 6U height by 16HP wide, with two CompactPCI hot-pluggable slots using standard 47-pin connectors. The boards are designed for either AC or DC power to be supplied, including accommodations for rear power entry modules for 48V requirements. Wire harnesses are also available, providing +3.3V, +5V, +/-12V, GND and control signals between the backplanes. The sense lines help the power board efficiently regulate the power at the load end. The current share lines allow multiple power supplies to share current across the power backplane slots.

Pixus also offers power backplanes in single and dual 47-pin connector styles in both 3U and 6U heights. The company has additional power backplanes in sizes up to seven slots. Also, Pixus' line of CompactPCI and VME64x backplanes have optional configurations that include pluggable 47-pin connectors in the same monolithic board.

Price for the power interface boards start under $100.00 depending on configuration and volume. The lead time is from stock to 4 weeks ARO.

www.pixustechnologies.com [1]

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