

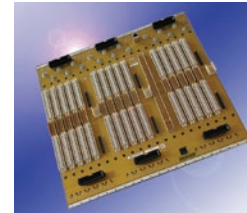
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VITA31.1-VME64x

The need for more bandwidth in VMEbus focused on Ethernet is a logical choice for a backplane data transport. The ANSI/VITA 31.1, Gigabit Ethernet on VME64x, adds GigE to backplanes via a P0 connector as defined in VME64x. This is the first generation of serial switched fabric solutions for VMEbus backplanes. It works with the VME32, VME64, and VME2eSST configurations. To enhance compatibility, VITA 31.1 adopted the PICMG 2.16 P3 connector pinout for use on VME64x boards. It borrowed the definition of the fabric card described in PICMG 2.16. As a result, PICMG 2.16 and VITA 31.1 systems can use the same switched fabric boards.

Comtel's expertise in backplane technology and its sophisticated design tools have been applied to produce unique VITA 31.1 Backplanes.

**FEATURES**

- › Fits within standard 6U Eurocard
- › Hybrid VME64x and PICMG 2.16 Backplane
- › 1 or 2 VITA 31.1 Fabric slots
- › 19 VITA 31.1 Node Slots (21-slot backplane) or 6 VITA 31.1 Node Slots (8-slot backplane)
- › Compliant to the latest VITA Standards
- › High performance, low noise
- › Electronic Bus Grant (EBG)
- › Designed to the latest ANSI/VITA 31.1 Gigabit Ethernet on VME64x Backplanes Standard
- › Designed to the latest VITA 1.7 Increased Current Level For 96 Pin and 160 Pin DIN/IEC Connector
- › ANSI/VITA 1.1-1997 VME64x Standard compliant
- › Contact Dov Cohen for application Sales@comtel-online.ch
- › Custom configurations are welcome