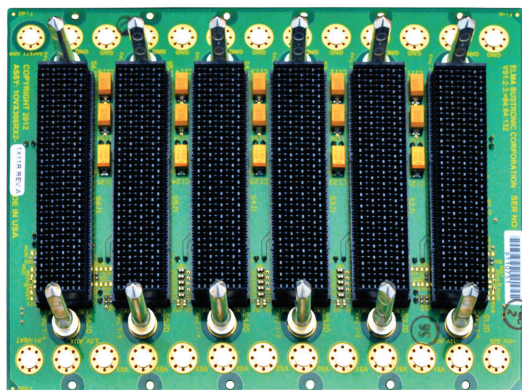


3U 6-Slot OpenVPX Backplane

BKP3-CEN06-15.2.10-n



Description

Designed to meet VITA 65, the 6 slot OpenVPX backplane features a data plane with one Fat Pipe from slot one to slot two and Ultra Thin Pipes from slot one to slots 3-6.

Features

- Compliant to the VITA 65 Standard
- Uses the rugged 3U-160 Eurocard form factor
- High-speed EPT Velox connector
- Provides built in ESD ground protection in every slot

Board Specifications

- 16 layers
- 1 oz. copper power and ground
- 0.212" thick PCB, FR-4 or equivalent

Mechanical Specifications

- 5.067" high X 6.692" tall

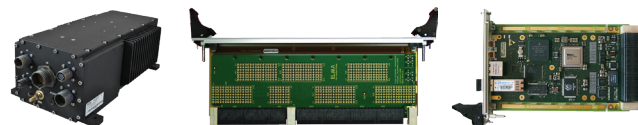
Slot Profiles

- Slot 1..... SLT3-PAY-1F4U-14.2.8
- Slot 2.....SLT3-PER-1F-14.3.2
- Slots 3-6...SLT3-PER-1U-14.3.3

Related Products and Applications

Highly integrated applications such as:

- Integrated display processing, mission management and navigational control for avionics systems
- Industrial monitoring, medical equipment, and night-vision systems requiring enhanced graphics capabilities
- Shipboard systems for target tracking and high definition displays
- Applications requiring a mix of I/O options, high compute density and enhanced graphics



- Load boards convection or conduction cooled
- Rear Transition Modules for I/O
- Intel & Freescale Single Board Computers
- Blade level networking boards (Ethernet, PCI Express)
- Rackmount, desktop, and ATR chassis platforms
- Ruggedization programs

VPX

3U 6-Slot OpenVPX Backplane

BKP3-CEN06-15.2.10-n

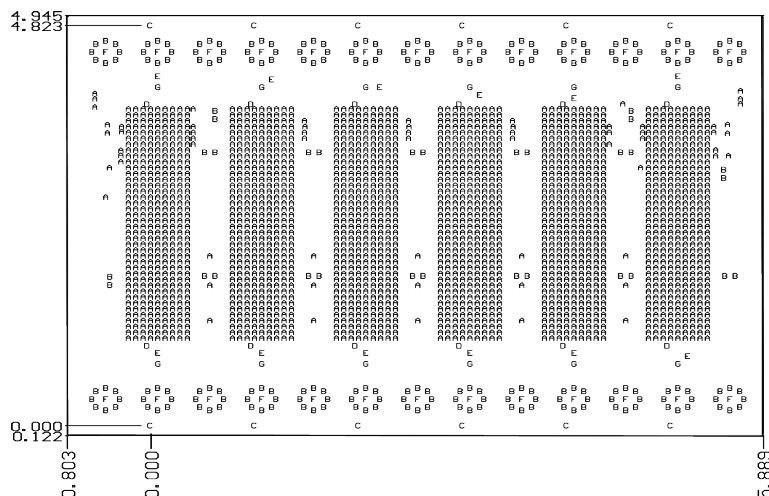


VPX

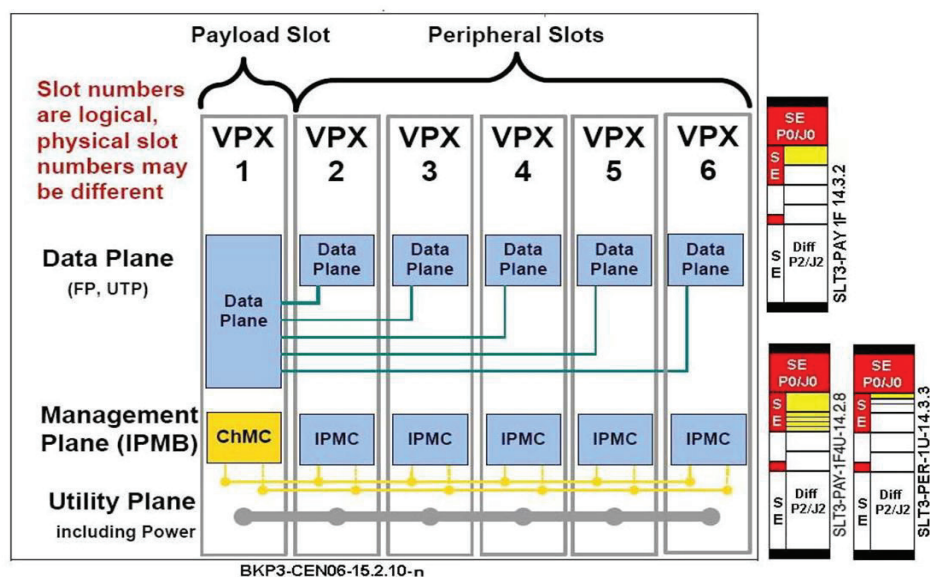


Backplanes

Line Drawing



Backplane Topology



Order Information

Height	Total Slots	Description	Profile Number	Part Number
3U	6	Single star, no expansion or control plane, Gbaud rate to 5.0	BKP3-CEN06-15.2.10-2	1OVX306RX2-1X11R

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