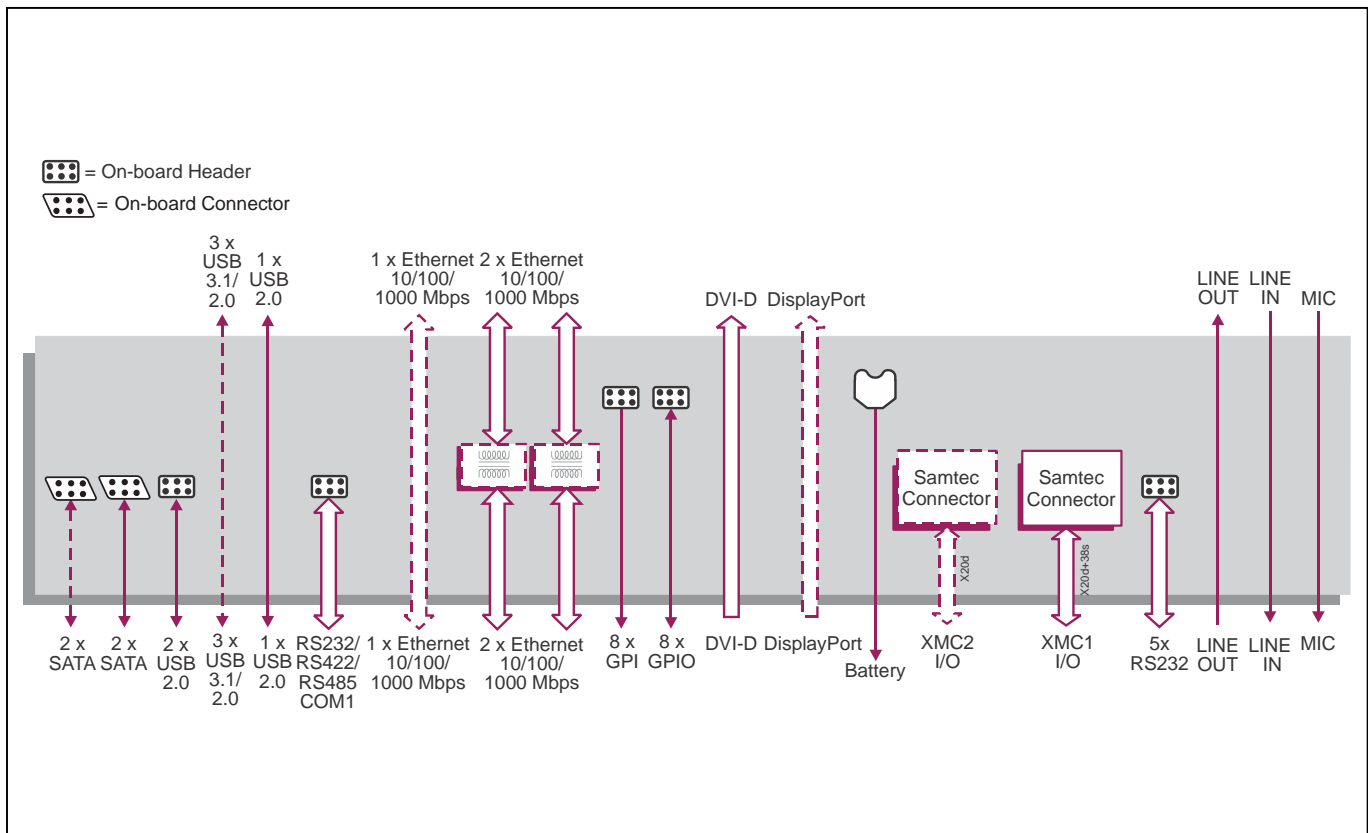


Rear Transition Module

Key Features

AD VR3/x05 is a Rear Transition Module (RTM) designed to complement the Concurrent Technologies VR E7x/msd 6U VPX™ processor board.

- 6U VPX Rear Transition Module
- Includes front panel connections for Ethernet, USB, Display and Audio
- Includes internal connections for SATA, USB, Serial, GPIO and XMC I/O
- Extended temperature variants available



Electrical Specification

- +5.0V@0.5A; +3.3V@0.15A

Environmental Specification

- operating temperatures:
 - 0°C to +55°C (N-Series)
 - -25°C to +70°C (E-Series)
 - -40°C to +85°C (K-Series)
- non-operating temperature:
 - VITA 47 Class C1, -40°C to +85°C
- operating altitude:
 - 0 to 15,000 feet (0 to 4,572 meters)
- 5% to 95% Relative Humidity, non-condensing:
- K-Series includes humidity sealant

Mechanical Specification

- 3U VPX form-factor (VITA 46.0)
- 3.9 inches x 3.2 inches (233mm x 81.5mm)
- slot widths:
 - 0.8-inch (VITA 46.0)
 - 1.0-inch (VITA 48.0 as per VITA 65)
- connectors to VITA 46.0, P0 through to P6
- operating mechanical:
 - shock - VITA 47 Class OS1, 20g
 - random vibration - 0.002g²/Hz

Further Information

- For further information refer to the board's Technical Reference Manual



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