



DYNAMIC ENGINEERING

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Est. 1988

Statement of Volatility

PN: VPX2IP & VPX4IP

Manufacturer Part Number: VPX2IP & VPX4IP, includes all options (-RIO, etc.)

Manufacturer Part Description: 1 lane VPX carrier with 2 or 4 IP Positions, local power supplies and user features.

Memory Type: FPGA and FLASH

Memory Size: FPGA Lattice LFE3-35EA: Internal registers for configuration, FIFO memory to support link traffic. FIFO on PCIe lanes includes read completion buffers.

FLASH : 4Mx16. Memory to provide power on configuration to FPGA. Not user accessible.

Volatility: FIFO memory is continuously rewritten during operation and effectively cleared by this process. FLASH is non-volatile.

User Accessible: FIFO within FPGA is not user accessible in the traditional sense as the PCIe traffic is flowing through these memories without user control.

Clearing Procedure: Use and Power cycle for FIFO memory. To clear the FLASH a standard 3 pass write cycle would be required.

Notes or Warnings: None