

Emulex Product Change Notification – Expansion of Voltage Regulator vendors for Gen7 Fibre Channel HBAs

Issue Date: 2-November-2021

Change Description:

Expansion of switching and linear regulator options for Gen7 Emulex Fibre Channel (FC) Host Bus Adapters (HBAs), including standard/Emulex-branded and OEM models, to ensure continuity of supply

Parts Affected:

All Emulex Gen7 32GFC and 64GFC (Prism-based) HBAs:

- LPe35000-series (Gen7 32GFC) – All Emulex-branded and corresponding OEM derivative and custom HBAs
- LPe36000-series (Gen7 64GFC) – All Emulex-branded and corresponding OEM derivative and custom HBAs

Description and Extent of Change:

Broadcom Emulex Connectivity Division (ECD) currently uses the Texas Memory system (TI) regulators for its Gen7 FC HBAs. Due to increased demand and to ensure supply chain continuity, Broadcom ECD is making a change to the Gen7 HBA PCB to accommodate multi-source regulator options.

Reasons for Change:

Emulex Connectivity Division (ECD) is proactively expanding the voltage regulator options for FC HBAs to safeguard availability.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

- Minimal change to the PCB (and PCBA) to accommodate pin compatible multi-vendor voltage regulators
- There are no changes to the HBA drivers (PCI IDs remain the same) or firmware
- HBA functional and performance specifications remain the same

Recommended Action by the Customer:

- Acknowledge this Product Change Notification and ensure your respective Receiving Inspection departments are prepared to receive products with the revised PCB.

Effective Date of Change:

Product shipments using this change will begin starting in February 2022 on a prioritized order. Timing of shipment of the board products will vary by part number depending on customer demand and inventory levels.

Qualification Data:

- Emulex is performing all hardware and system validation tests; qualification report will be available on request
- Electronic First Article Inspection (eFAI) Reports for initial production builds will be available on request.