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89HPES12N3A2

12-lane, 3-port PCIe I/O Expansion Switch

Provides high-performance I/O expansion and switching functions between a PCIe upstream port and two downstream ports or peer-to-peer switching between downstream ports.

Features

- 12 PCIe Gen1 Lanes, 3 Switch Ports
- Switch architecture optimized for I/O Expansion
- Supports root-to-peripheral (upstream-to-downstream) and peer-to-peer (downstream-to-downstream) data transfers
- Internal buffering and flow control credits optimized for maximum bandwidth and large payloads
- Low latency, Low power

Product Specification

PCIE LANES (#)	PORTS (#)	PCIE GENERATION	PKG. CODE	PKG. TYPE	LENGTH (MM)	WIDTH (MM)	TEMP. GRADE
12	3	Gen1	BCG324	CABGA	19	19	C

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
89HPES12N3A2ZCBCG	Active	BCG324	CABGA	324	C	Y	Check Inventory
89HPES12N3A2ZCBCG8	Active	BCG324	CABGA	324	C	Y	Check Inventory

Documents

	TITLE	TYPE ▲	FORMAT	FILE SIZE	DATE
	IDT PCI Express Solutions Overview	Overview	PDF	2.47 MB	09/14/2011

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