Status: **Active**

Product Quick Links

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89H48H12G3
48-lane, 12-port PCIe Gen3 System Interconnect Switch

Provides 48 PCIe Gen3 lanes and 12 ports of high-performance, deterministic system interconnect switching. All ports receive full line rate, non-blocking throughput for multiple traffic flows regardless of switch loading.

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Features

- 48 PCIe Gen3 Lanes, 12 Switch Ports
- Non-blocking switch architecture optimized for High Performance System Interconnect
- Partionable switch architecture for true mutli-root support
- 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
48	12	Gen3	HLG676	FCBGA	27	27	I, C

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
89H48H12G3ZAHLG	Active	HLG676	FCBGA	676	C	Y	Check Inventory
89H48H12G3ZAHLGI	Active	HLG676	FCBGA	676	I	Y	Check Inventory

Documents

	TITLE	TYPE	FORMAT	FILE SIZE	DATE
	IDT PCI Express Solutions Overview	Overview	PDF	2.47 MB	09/14/2011
	IDT 48-Lane 12-Port PCIe® Gen3 System Interconnect Switch	Product Brief	PDF	396 KB	09/28/2011

Related Videos

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