



Products > Interface & Connectivity > PCI Express® Solutions > PCI Express® Switches > System Interconnect Switches > 48-lane, 12-port PCIe Gen2 System Interconnect Switch

Status: **Active**

89H48H12BG2 48-lane, 12-port PCIe Gen2 System Interconnect Switch

Provides 48 PCIe Gen2 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.

Features

- 48 PCIe Gen2 Lanes, 12 Switch Ports
- Non-blocking switch architecture optimized for High Performance System Interconnect
- Partitionable switch architecture for true multi-root support
- Internal buffering and flow control credits optimized for maximum bandwidth and large payloads
- Low latency, Low power



Product Quick Links

- Specifications
- Product Options
- Documentation & Tools
- Technical Support
- Contact Sales

Product Specification

PCIE LANES (#)	PORTS (#)	PCIE GENERATION	PKG. CODE	PKG. TYPE	LENGTH (MM)	WIDTH (MM)	TEMP. GRADE
48	12	Gen2	BL1156	FCBGA	35	35	C

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
89H48H12BG2ZCBL	Active	BL1156	FCBGA	1156	C	N	Check Inventory

Documents

TITLE	TYPE ▲	FORMAT	FILE SIZE	DATE
AN-715, Multi-Port SSC Support in IDT PCIe Gen2 Switches	Application Note	PDF	312 KB	10/26/2009
AN-715, Multi-Port SSC Support in IDT PCIe Gen2 Switches	Application Note	PDF	312 KB	10/26/2009
IDT PCI Express Solutions Overview	Overview	PDF	2.47 MB	09/14/2011

[GET TECHNICAL SUPPORT](#) ▶

[CONTACT SALES OFFICE](#) ▶