

Products > Interface & Connectivity > PCI Express® Solutions > PCI Express® Switches > System Interconnect Switches > 32-lane, 8-port PCIe Gen2 System Interconnect Switch

DOWNLOAD DATASHEET



Status: **Active**

Product Quick Links

Specifications

Product Options

Documentation & Tools

Technical Support

Contact Sales

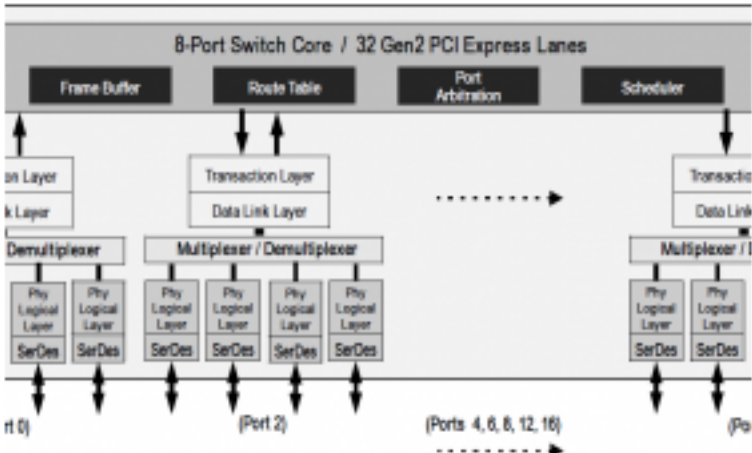
89H32NT8AG2

32-lane, 8-port PCIe Gen2 System Interconnect Switch

Provides 32 PCIe Gen2 lanes and 8 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

- 32 PCIe Gen2 Lanes, 8 Switch Ports
- Non-blocking switch architecture optimized for High Performance System Interconnect
- Partitionable switch architecture for true multi-root support
- Multiple Nontransparent Bridging functions supported (NTB)
- Movable upstream support
- On-board DMA 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
32	8	Gen2	HL484, HLG484	FCBGA	23	23	C, I

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
89H32NT8AG2ZBHL	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT8AG2ZBHL8	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT8AG2ZBHLG	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT8AG2ZBHLG8	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT8AG2ZBHLGI	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT8AG2ZBHLGI8	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT8AG2ZBHLI	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT8AG2ZBHLI8	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT8AG2ZCHL	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT8AG2ZCHL8	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT8AG2ZCHLG	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT8AG2ZCHLG8	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT8AG2ZCHLGI	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT8AG2ZCHLGI8	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT8AG2ZCHLI	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT8AG2ZCHLI8	Active	HL484	FCBGA	484	I	N	Check Inventory

Documents

	TITLE	TYPE ▲	FORMAT	FILE SIZE	DATE
	PES32NT8BG2 DATA SHEET (MYIDT ACCESS REQUIRED. CLICK FOR DETAILS.)	Datasheet	PDF	121 KB	01/26/2010
	IDT PCI Express Solutions Overview	Overview	PDF	2.47 MB	09/14/2011

GET TECHNICAL SUPPORT ▶

CONTACT SALES OFFICE ▶