Status: **Active**

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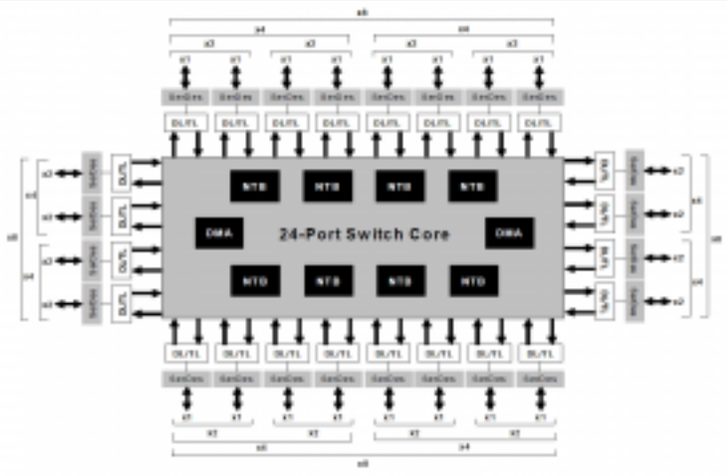
89H32NT24BG2
32-lane, 24-port PCIe Gen2 System Interconnect Switch

Provides 32 PCIe Gen2 lanes and 24 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, 24 Switch Ports
- Non-blocking switch architecture optimized for High Performance System Interconnect
- Partionable switch architecture for true mutli-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	24, 32	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
89H32NT24BG2ZBHL	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT24BG2ZBHL8	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT24BG2ZBHLG	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT24BG2ZBHLG8	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT24BG2ZBHLGI	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT24BG2ZBHLI	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT24BG2ZBHLI8	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT24BG2ZCHL	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT24BG2ZCHL8	Active	HL484	FCBGA	484	C	N	Check Inventory
89H32NT24BG2ZCHLG	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT24BG2ZCHLG8	Active	HLG484	FCBGA	484	C	Y	Check Inventory
89H32NT24BG2ZCHLGI	Active	HLG484	FCBGA	484	I	Y	Check Inventory
89H32NT24BG2ZCHLI	Active	HL484	FCBGA	484	I	N	Check Inventory
89H32NT24BG2ZCHLI8	Active	HL484	FCBGA	484	I	N	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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