



89H24NT24G2ZCHLGI

Description | Parameters | Package | Documents | Distributor Inventory | Contacts

Customer Support / Technical Support

DESCRIPTION

PCIE SWITCH
Provides 24 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.

Generic Part:
89H24NT24G2

Category:
System Interconnect Switches

PARAMETERS

Voltage	1.0 V
Temperature	I
Speed	NA
Package	FCBGA 324
Integrated Serdes	Yes
PCle Lanes	24
Switch Ports	24
Port Link Width Negotiation	Automatic
Lane Reversal	Automatic
Polarity Inversion	Automatic
Max. Payload Size Supported	2 KBytes
PCle Generation	Gen2
PCle Revision	2.1
Package Size	19 x 19 mm

PACKAGE

Package	FCBGA 324 (HLG324)
Description	FLIP CHIP BGA 19.0 X 19.0 MM X 1.0 MM
Status	Active
Class	PLASTIC
Category	Green
Pb (Lead) Free	Yes
Pb Free Category	e1 SnAgCu
Mark	HLG
Package Type	FCBGA
Lead Count	324
Length	19.0 mm
Width	19.0 mm
Thickness	3.02 mm
Pitch	1.0 mm
Tube / Tray	TRAY
Quantity per Tube/Tray	84
Quantity per Reel	750
Moisture Sensitivity Level (MSL)	4
Moisture Exposure Floor Life	72hrs@<30C/60% R
Peak Reflow Temperature	260°C
Rebake Conditions	48hrs@125C
Related Package Documents	view documents

DOCUMENTS

Type	Title	Size	Revision Date
Datasheet	PES24NT24G2 Data Sheet (myIDT Access Required. Click for details.)	122 KB	01/26/2010
Flyer	IDT Design Tip: New IDT PCI Express Switch Features	218 KB	03/23/2010
Manual - User Reference	PES24NT24G2 User Manual (myIDT Access Required. Click for details.)	122 KB	01/06/2010
Product Brief	89H32H8G3 PCIeGen3 Switches product brief	391 KB	09/28/2011
	89H48H12G3 PCIeGen3 Switches product brief	396 KB	09/28/2011
	89H64H16G3 PCIeGen3 Switches product brief	396 KB	09/28/2011
	PES24NT24G2 Product Brief	348 KB	09/15/2009
White Paper	PCIe MultiRoot white paper	478 KB	08/29/2008

DISTRIBUTOR INVENTORY

Part	Distributor	Qty	Date	RFQ	Order
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No matches found.

CONTACTS

Sales Offices

► Sales Offices and authorized distributors

Technical Support

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