

89H32T8G2ZCBLG

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

Customer Support / Technical Support

DESCRIPTION

PCIE GEN2 SWITCH
Provides high-performance I/O expansion and switching functions between a PCIe upstream port and seven downstream ports or peer-to-peer switching between downstream ports.
Generic Part:
89H32T8G2
Category:
I/O Expansion Switches

PARAMETERS

Package	FCBGA 484
Speed	NA
Temperature	C
Voltage	1.0 V
PCIe Lanes	
Switch Ports	
Max. Payload Size Supported	
Integrated Serdes	
Port Link Width Negotiation	
Lane Reversal	
Polarity Inversion	
PCIe Generation	
PCIe Revision	
Package Size	

PACKAGE

Package	FCBGA 484 (BLG484)
Description	FLIP CHIP BGA 23 X 23MM 1.0 MM PITCH
Status	Active
Class	PLASTIC
Category	Green
Pb (Lead) Free	Yes
Pb Free Category	e1 SnAgCu
Mark	BLG
Package Type	FCBGA
Lead Count	484
Length	23.0 mm
Width	23.0 mm
Thickness	3.34 mm
Pitch	1.0 mm
Tube / Tray	TRAY
Quantity per Tube/Tray	60
Quantity per Reel	600
Moisture Sensitivity Level (MSL)	4
Moisture Exposure Floor Life	72hrs@<30C/60% R
Peak Reflow Temperature	245°C
Rebake Conditions	48hrs@125C
Related Package Documents	view documents

DOCUMENTS

Type	Title	Size	Revision Date
Application Note	AN-715, Multi-Port SSC Support in IDT PCIe Gen2 Switches	306 KB	10/26/2009
	AN-721, IDT PCIe Gen2 Switch Hardware Design Guide	333 KB	08/14/2009
	AN-720, Enabling Hot-Plug in IDT PCIe Gen2 SI Switches	178 KB	07/20/2009
Datasheet	PES32T8G2 Data Sheet (myIDT Access Required. Click for details.)	122 KB	01/21/2010
Flyer	IDT Design Tip: New IDT PCI Express Switch Features	218 KB	03/23/2010
	PCI Express Switching Solutions flyer	300 KB	02/08/2010
Manual - User Reference	PES32T8G2 User Manual (myIDT Access Required. Click for details.)	122 KB	10/06/2008
Product Brief	PES32T8G2 Product Brief	202 KB	09/25/2008

DISTRIBUTOR INVENTORY

Part	Distributor	Qty	Date	RFQ	Order
------	-------------	-----	------	-----	-------

No matches found.

CONTACTS

Sales Offices

- Sales Offices and authorized distributors

Technical Support

- Hyper Transport / PCI Bridges
- WWW: Customer Support / Technical Support
- HyperTransport Bridges
- WWW: [http://www.idt.com/?app=techSupport&prodFamily=hypertransport bridges](http://www.idt.com/?app=techSupport&prodFamily=hypertransport%20bridges)
- PCI / PCI-X Bridges
- WWW: Customer Support / Technical Support
- PCI Express Switches
- WWW: [http://www.idt.com/?app=TechSupport&prodFamily=PCIe Switches](http://www.idt.com/?app=TechSupport&prodFamily=PCIe%20Switches)
- PCI/X Bridges
- WWW: [http://www.idt.com/?app=techSupport&prodFamily=pci/x bridges](http://www.idt.com/?app=techSupport&prodFamily=pci/x%20bridges)
- PCIE Bridges
- WWW: Customer Support / Technical Support
- PCIE Switches
- WWW: Customer Support / Technical Support