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Keyword

Part Number

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SN74LVT162245, 3.3-V ABT 16-Bit Bus Transceivers With 3-State Outputs
DEVICE STATUS: **ACTIVE**

RECOMMENDED REPLACEMENT DEVICES	
Part Number	Comments
SN74LVTH162245	The device has the SAME FUNCTIONALITY and PINOUT as the compared device but is NOT an exact equivalent.Device Revision, dtd 10/30/97. (PCN Number: PCN 5287A)

PARAMETER NAME	SN74LVT162245
Voltage Nodes (V)	3.3, 2.7
Vcc range (V)	2.7 to 3.6
Input Level	TTL/CMOS
Output Level	LVTTL
Output Drive (mA)	-32/64
No. of Outputs	16
Logic	True
Static Current	2.54
tpd max (ns)	5.5

TECHNICAL DOCUMENTS [▲Back to Top](#)

To view the following documents, [Acrobat Reader 4.0](#) is required.
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APPLICATION NOTES [▲Back to Top](#)

[View Application Notes for Standard Transceivers](#)
[View Application Notes for Transceivers](#)
[View Application Notes for Digital Logic](#)

- [16-Bit Widebus Logic Families in 56-Ball, 0.65-mm Pitch Very Thin Fine-Pitch BGA \(Rev. B\)](#) (SZZA029B - Updated: 05/22/2002)
- [Bus-Interface Devices With Output-Damping Resistors Or Reduced-Drive Outputs \(Rev. A\)](#) (SCBA012A - Updated: 08/01/1997)
- [Implications of Slow or Floating CMOS Inputs \(Rev. C\)](#) (SCBA004C - Updated: 02/01/1998)
- [Input and Output Characteristics of Digital Integrated Circuits](#) (SDYA010 - Updated: 10/01/1996)
- [LVT Family Characteristics \(Rev. A\)](#) (SCEA002A - Updated: 03/01/1998)
- [LVT-to-LVTH Conversion](#) (SCEA010 - Updated: 12/08/1998)
- [Live Insertion](#) (SDYA012 - Updated: 10/01/1996)
- [Power-Up 3-State \(PU3S\) Circuits in TI Standard Logic Devices](#) (SZZA033 - Updated: 05/10/2002)
- [TI IBIS File Creation, Validation, and Distribution Processes](#) (SZZA034 - Updated: 08/29/2002)
- [Understanding Advanced Bus-Interface Products Design Guide](#) (SCAA029, 253 KB - Updated: 05/01/1996)
- [Understanding and Interpreting Standard-Logic Data Sheets \(Rev. B\)](#) (SZZA036B - Updated: 05/28/2003)

MORE LITERATURE [▲Back to Top](#)

[View More Literature for Standard Transceivers](#)

View More Literature for [Transceivers](#)
View More Literature for [Digital Logic](#)

- [Logic Reference Guide](#) (SCYB004, 1032 KB - Updated: 10/23/2001)
- [Military Low Voltage Solutions](#) (SGYN139, 103 KB - Updated: 04/04/2001)

USER GUIDES

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View User Guides for [Digital Logic](#)

- [LOGIC Pocket Data Book](#) (SCYD013, 4835 KB - Updated: 12/05/2002)

PRICING/AVAILABILITY/PKG

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DEVICE INFORMATION Updated Daily						
ORDERABLE DEVICE	STATUS	PACKAGE TYPE PINS	TEMP (°C)	PRODUCT CONTENT	BUDGETARY PRICING QTY \$US	STD PACK QTY
SN74LVT162245DGGR	ACTIVE	TSSOP (DGG) 48	-40 TO 85	View Contents	1KU 0.53	2000
SN74LVT162245DL	NRND	SSOP (DL) 48	-40 TO 85	View Contents	1KU 0.53	25
SN74LVT162245DLR	NRND	SSOP (DL) 48	-40 TO 85	View Contents	1KU 0.53	1000

TI INVENTORY STATUS As Of 08:00 AM GMT, 31 Oct 2003		
IN STOCK	IN PROGRESS QTY DATE	LEAD TIME
>10k*	676 03 Nov	2 WKS
	>10k 17 Nov	
4575*	5 31 Oct	7 WKS
	>10k 24 Nov	
0*	668 03 Nov	7 WKS
	332 17 Nov	
	>10k 24 Nov	

REPORTED DISTRIBUTOR INVENTORY As Of 08:00 AM GMT, 31 Oct 2003		
DISTRIBUTOR COMPANY REGION	IN STOCK	PURCHASE
Arrow Americas	>1k	BUY NOW
Newark Electronics Americas	>1k	BUY NOW
None Reported View Distributors		
None Reported View Distributors		

MODELS

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- [IBIS Model of SN74LVT162245DL](#) (SCEM152, 90 KB - Updated: 08/07/2000)
- [IBIS Model of SN74LVT162245DL](#) (SCEM152, 17 KB, ZIP - Updated: 08/07/2000)

Table Data Updated on: 10/31/2003