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SN74ALS646

Status: OBSOLETE

Octal Registered Bus Transceivers with 3-State Outputs



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Replaced By:

- [SN74ALS646A](#) The device has the SAME FUNCTIONALITY and PINOUT as the compared device but is NOT an exact equivalent.Minimum tpd limit changes only, December 1994

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	SN54ALS646
Voltage Nodes(V)	5
Technology Family	ALS
Rating	Military
	Samples
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Other qualified versions of SN74ALS646

Version	Part Number	Definition
Military	SN54ALS646	QML certified for Military and Defense Applications

Pricing / Packaging / CAD Design Tools / Samples

			Packaging		CAD Design Tools	Samples
Device	Status	Temp (°C)	Package Pins	Top Side Marking	Footprints	Samples
SN74ALS646-1DW	OBSOLETE	0 to 70	SOIC (DW) 24	View	View	Not Available
SN74ALS646-1DWR	OBSOLETE	0 to 70	SOIC (DW) 24	View	View	Not Available
SN74ALS646-1NT	OBSOLETE	0 to 70	PDIP (NT) 24		View	Not Available
SN74ALS646DW	OBSOLETE	0 to 70	SOIC (DW) 24	View	View	Not Available
SN74ALS646DWR	OBSOLETE	0 to 70	SOIC (DW) 24	View	View	Not Available
SN74ALS646FN	OBSOLETE	0 to 70	PLCC (FN) 28	View	View	Not Available
SN74ALS646NT	OBSOLETE	0 to 70	PDIP (NT) 24		View	Not Available

Inventory

	TI Inventory Status				Reported Distributor Inventory			
SN74ALS646DW	As of 8:50 AM GMT, 31 Mar 2009				As of 8:50 AM GMT, 31 Mar 2009			
	In Stock	In Progress QTY Date		Lead Time	Region	Company	In Stock	Purchase
	0*			Call**	Americas	Rochester Electronics	20	Buy Now
SN74ALS646FN	As of 8:50 AM GMT, 31 Mar 2009				As of 8:50 AM GMT, 31 Mar 2009			
	In Stock	In Progress QTY Date		Lead Time	Region	Company	In Stock	Purchase
	0*			Call**	Americas	Rochester Electronics	867	Buy Now
SN74ALS646NT	As of 8:50 AM GMT, 31 Mar 2009				As of 8:50 AM GMT, 31 Mar 2009			
	In Stock	In Progress QTY Date		Lead Time	Region	Company	In Stock	Purchase
	0*			Call**	Americas	Rochester Electronics	680	Buy Now

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Quality & Lead (Pb)-Free Data

If the information you are requesting is not available online at this time, contact one of our [Product Information Centers](#) regarding the availability of this information.

Technical Documents

Application Notes

- [Shelf-Life Evaluation of Lead-Free Component Finishes](#) (szza046.htm, 8 KB)
24 May 2004 [Abstract](#)
- [Understanding and Interpreting Standard-Logic Data Sheets \(Rev. B\)](#) (szza036b.htm, 8 KB)
28 May 2003 [Abstract](#)
- [TI IBIS File Creation, Validation, and Distribution Processes](#) (szza034.htm, 9 KB)
29 Aug 2002 [Abstract](#)
- [Bus-Interface Devices With Output-Damping Resistors Or Reduced-Drive Outputs \(Rev. A\)](#) (scba012a.htm, 8 KB)
01 Aug 1997 [Abstract](#)
- [Designing With Logic \(Rev. C\)](#) (sdya009c.htm, 8 KB)
01 Jun 1997 [Abstract](#)
- [Live Insertion](#) (sdya012.htm, 8 KB)
01 Oct 1996 [Abstract](#)
- [Input and Output Characteristics of Digital Integrated Circuits](#) (sdya010.htm, 9 KB)
01 Oct 1996 [Abstract](#)
- [Advanced Schottky \(ALS and AS\) Logic Families](#) (sdaa010.htm, 8 KB)
01 Aug 1995 [Abstract](#)

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User Guides

-  [LOGIC Pocket Data Book \(Rev. B\)](#) (scyd013b.pdf, 6001 KB)
16 Jan 2007 [Download](#)

More Literature

-  [Logic Selection Guide 2007 \(Rev. Z\)](#) (sdyu001z.pdf, 2862 KB)
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-  [Logic Cross-Reference \(Rev. A\)](#) (scyb017a.pdf, 2938 KB)
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