



5V2310PGG

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

Customer Support / Technical Support

DESCRIPTION

2.5/3.3V FAN OUT
24-pin TSSOP, 20-pin VFGFPN

Generic Part:

5V2310

Category:

Fanout Buffers (non PLL)

PARAMETERS

Input Frequency	0-200 MHz
No. of Inputs	1
Temperature	C
Output Frequency	0-200 MHz
No. of Outputs	10
Voltage	2.5V/3.3V
Package	TSSOP 24
Speed	NA
Input	3.3 V/2.5 V LVTTL
Output	3.3 V/2.5 V LVTTL
Output Skew	0.1 ns
Max Prop Delay	2.8 ns
Type	Fan out buffer
Core Supply Voltage (VDD)	
Min. Output Frequency	0
Min. Input Frequency	0
Output Supply Voltage (VDDO)	
Input Style	Single Ended
Max. Output Frequency	200MHz
Max. Input Frequency	200MHz
Output Style	Single Ended
Temp. Grade	C
qrg.characteristics	

PACKAGE

Package	TSSOP 24 (PGG24)
Description	TSSOP 4.4 MM 0.65MM PITCH
Status	Active
Class	PLASTIC
Category	Green
Pb (Lead) Free	Yes
Pb Free Category	e3 Sn
Mark	PGG
Package Type	TSSOP
Lead Count	24
Length	7.8 mm
Width	4.4 mm
Thickness	1.0 mm
Pitch	0.65 mm
Tube / Tray	TUBE
Quantity per Tube/Tray	62
Quantity per Reel	3000
Moisture Sensitivity Level (MSL)	1
Moisture Exposure Floor Life	Unlimited@<30C/85% RH
Peak Reflow Temperature	260°C
Rebake Conditions	NA
Related Package Documents	view documents

DOCUMENTS

Type	Title	Size	Revision Date
Application Note	IDT Clock Buffers Offers Ultra Low Additive Phase Jitter	1281 KB	10/20/2008
Datasheet	5V2310 Datasheet	85 KB	05/17/2010
Model - HSPICE	5V2310 Hspice Model	33 KB	03/03/2004
Model - IBIS	5V2310 IBIS Model	32 KB	03/03/2004
Product Change Notice	PCN# : A1003-02R1 Revised PCN Notification on Top Mark Format Change on Selective IDT Part	275 KB	04/08/2010
	PCN# : A1003-02 Top Mark Format Change on Selective IDT Part	275 KB	03/30/2010
	PCN# : A-0605-05 AIT as Alternate Assembly Facility for SOIC/QSOP/SSOP/TSSOP/PDIP	298 KB	05/25/2006
	PCN# A-0504-02R2: Assembly Transfer IDT-Manila to OSE-Ph	39 KB	08/04/2005
	PCN#A-0504-02R1: Assembly Transfer IDT-Manila to OSE-Ph	17 KB	07/22/2005
	PCN# A-0504-02, Transfer assembly facility IDT-Manila to OSE-Ph	48 KB	04/29/2005
	PCN# A-0412-04 - To comply with Pb-free labels - Green Products	81 KB	12/14/2004
	PCN# A-0410-02, Change IDT marking logo with new IDT gridless w	25 KB	10/08/2004
	PCN# A-0310-01, Green Products	27 KB	10/10/2003

DISTRIBUTOR INVENTORY

Part	Distributor	Qty	Date	RFQ	Order
5V2310PGG	AVNET ELECTRONICS MARKETING	186	09/06/2011	Quote	Buy Now

CONTACTS

Sales Offices

➤ Sales Offices and authorized distributors

Technical Support

Clock Help

➤ WWW: Clock Help