



**IDT (Integrated Device** 



Image may be representation. See specifications for product details.

#### 5T9310NLGI

Part Number:

Manufacturer/Brand:

Product description

RoHs Status Stock Condition

Datasheets:

Ship From Shipment Way 5T9310NLGI

IDT (Integrated Device Technology)

IC CLK BUFFER 1:10 1GHZ 40VFQFPN

Lead free / RoHS Compliant

5T9310NLGI.pdf

2718 pcs stock Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

PART NUMBER ST910NLGI  MANUFACTURER IDT (Integrated Device Technology)  DESCRIPTION IC CLK BUFFER 1:10 1GHZ 40VFQFPN  LEAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant  QUANTITY AVAILABLE 2718 pcs  DATA SHEET 33 7991.0NLGI.pdf  VOLTAGE - SUPPLY 2.3 V ~ 2.7 V  TYPE Fanout Buffer (Distribution), Multiplexer  SUPPLER DEVICE PACKAGE 40-VFQFPN (6x6)  SERIES TeraBuffer** II  RATIO - INPUT: OUTPUT 1:10  PACKAGEN C ASSE  OUTPUT LVDS  OTHER NAMES DITTS (1978) 10011 1011 1011 1011 1011 1011 1011 1		Specifications of 5T9310NLGI
MANUFACTURER         IDT (Integrated Device Technology)           DESCRIPTION         IC CLK BUFFER 1:10 IGHZ 40VFQPPN           LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           QUANTITY AVAILABLE         2718 pcs           DATA SHEET         \$\frac{1}{2}\$\$ \$\text{319}\$\$ \$\text{100}\$\$ \$\text{400}\$\$           VOLTAGE - SUPPLY         2.3 V ~ 2.7 V           TYPE         Fanout Buffer (Distribution), Multiplexer           SUPPLIER DEVICE PACKAGE         40-VFQFPN (6x6)           SERIES         TeraBuffer*** II           RATIO - INPUT: OUTPUT         1:10           PACKAGING         Tray           PACKAGE / CASE         40-VFQFN Exposed Pad           OUTPUT         VVDS           OTHER NAMES         \$\frac{10}{105179310NLGI************************************		Specifications of 313310NEGI
DESCRIPTION  LEAD FREE STATUS / ROHS STATUS  QUANTITY AVAILABLE  QUANTITY AVAILABLE  DATA SHEET  VOLTAGE - SUPPLY  TYPE  SUPPLIER DEVICE PACKAGE  MO-VFQFPN (6x6)  SERIES  TeraBuffer''' II  RATIO - INPUT: OUTPUT  PACKAGING  Tray  PACKAGE / CASE  OUTPUT  UVDS  OTHER NAMES  OTHER NAMES  OTHER NAMES  ODERATING TEMPERATURE  MOUNTING TYPE  SUPGAR MOUNT  MOUNTING TYPE  SUFGAR MOUNT  MOUNTING TYPE  MOUNTING TYPE  MOUNTING SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE / ROHS STATUS	PART NUMBER	5T9310NLGI
LEAD FREE STATUS / ROHS STATUS       Lead free / ROHS Compliant         QUANTITY AVAILABLE       2718 pcs         DATA SHEET       1579310NLGI.pdf         VOLTAGE - SUPPLY       2.3 V ~ 2.7 V         TYPE       Fanout Buffer (Distribution), Multiplexer         SUPPLIER DEVICE PACKAGE       40-VFQFN (6x6)         SERIES       TeraBuffer™ II         RATIO - INPUT: OUTPUT       1:10         PACKAGING       Tray         PACKAGE / CASE       40-VFQFN Exposed Pad         OUTPUT       LVDS         OTHER NAMES       800-1985 800-1985 1015179310NLGI ND         OPERATING TEMPERATURE       -40°C ~ 85°C         NUMBER OF CIRCUITS       1         MOUNTING TYPE       Surface Mount         MOISTURE SENSITIVITY LEVEL (MSL)       3 (168 Hours)         LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         INPUT       CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL         FREQUENCY - MAX       1GHz         DIFFERENTIAL - INPUT:OUTPUT       Yes/Yes         DETAILED DESCRIPTION       Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	MANUFACTURER	IDT (Integrated Device Technology)
QUANTITY AVAILABLE       2718 pcs         DATA SHEET       579310NLGL.pdf         VOLTAGE - SUPPLY       2.3 V ~ 2.7 V         TYPE       Fanout Buffer (Distribution), Multiplexer         SUPPLIER DEVICE PACKAGE       40-VFQFN (6x6)         SERIES       TeraBuffer™ II         RATIO - INPUT:OUTPUT       1:10         PACKAGING       Tray         PACKAGE / CASE       40-VFQFN Exposed Pad         OUTPUT       LVDS         OTHER NAMES       300-1985 300-1985 30151579310NLGI ID1579310NLGI IND         OPERATING TEMPERATURE       -40°C ~ 85°C         NUMBER OF CIRCUITS       1         MOUNTING TYPE       Surface Mount         MOISTURE SENSITIVITY LEVEL (MSL)       3 (168 Hours)         LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         INPUT       CML +HSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL         FREQUENCY - MAX       1GHz         DIFFERENTIAL - INPUT:OUTPUT       Yes/Yes         DETAILED DESCRIPTION       Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	DESCRIPTION	IC CLK BUFFER 1:10 1GHZ 40VFQFPN
DATA SHEET  VOLTAGE - SUPPLY  2.3 V ~ 2.7 V  TYPE  FANOUT BUFFERENTIAL - INPUT: OUTPUT  VOLTAGE - SUPPLY  2.3 V ~ 2.7 V  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT  2.3 V ~ 2.7 V  FANOUT BUFFERENTIAL - INPUT: OUTPUT BUFFEREN	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
VOLTAGE - SUPPLY  Z3 V ~ 2.7 V  TYPE  Fanut Buffer (Distribution), Multiplexer  SUPPLIER DEVICE PACKAGE  40-VFQFPN (6x6)  SERIES  TeraBuffer™ II  RATIO - INPUT:OUTPUT  1:10  PACKAGING  Tray  PACKAGE / CASE  40-VFQFN Exposed Pad  OUTPUT  LVDS  OTHER NAMES  OTHER NAMES  OTHER NAMES  OUTPUT  LVDS  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  3 (168 Hours)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS	QUANTITY AVAILABLE	2718 pcs
TYPE       Fanout Buffer (Distribution), Multiplexer         SUPPLIER DEVICE PACKAGE       40-VFQFPN (6x6)         SERIES       TeraBuffer™ II         RATIO - INPUT:OUTPUT       1:10         PACKAGING       Tray         PACKAGE / CASE       40-VFQFN Exposed Pad         OUTPUT       LVDS         OTHER NAMES       800-1985 IDTST9310NLGI DISTS9310NLGI DISTS9310	DATA SHEET	5T9310NLGI.pdf
SUPPLIER DEVICE PACKAGE 40-VFQFPN (6x6)  TeraBuffer II  RATIO - INPUT:OUTPUT 1:10  PACKAGING Tray  PACKAGE / CASE 40-VFQFN Exposed Pad  OUTPUT LVDS  OTHER NAMES OTHER NAMES OTHER NAMES OPERATING TEMPERATURE 40°C ~ 85°C  NUMBER OF CIRCUITS 1 MOUNTING TYPE MOUNTING TYPE MOISTURE SENSITIVITY LEVEL (MSL) 13 (168 Hours)  LEAD FREE STATUS / ROHS STATUS LEAD fREE STATUS / ROHS STATUS INFUT FREQUENCY - MAX DIFFERENTIAL - INPUT:OUTPUT  CICk Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	VOLTAGE - SUPPLY	2.3 V ~ 2.7 V
SERIES TeraBuffer™ II   RATIO - INPUT:OUTPUT 1:10   PACKAGING Tray   PACKAGE / CASE 40-VFQFN Exposed Pad   OUTPUT LVDS   OTHER NAMES 800-1985 IDT5T9310NLCG IDT5T9310NLCG IDT5T9310NLCG IDT5T9310NLCG IND   OPERATING TEMPERATURE -40°C ~ 85°C   NUMBER OF CIRCUITS 1   MOUNTING TYPE Surface Mount   MOISTURE SENSITIVITY LEVEL (MSL) 3 (168 Hours)   LEAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant   INPUT CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL   FREQUENCY - MAX 1GHz   DIFFERENTIAL - INPUT:OUTPUT Yes/Yes   DETAILED DESCRIPTION Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	TYPE	Fanout Buffer (Distribution), Multiplexer
RATIO - INPUT: OUTPUT  PACKAGING  Tray  PACKAGE / CASE  OUTPUT  LVDS  OTHER NAMES	SUPPLIER DEVICE PACKAGE	40-VFQFPN (6x6)
PACKAGING PACKAGE / CASE  40-VFQFN Exposed Pad  0UTPUT  LVDS  0THER NAMES  800-1985 10T579310NLGI - ND  0PERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  1468 Hours)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  INPUT  CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  DEVALUATION OF COKE Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	SERIES	TeraBuffer™ II
PACKAGE / CASE  40-VFQFN Exposed Pad  OUTPUT  LVDS  800-1985 IDT5T9310NLGI - ND  OTHER NAMES  OPERATING TEMPERATURE  A0°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE ROHS ROHS ROHS ROHS ROHS ROHS ROHS ROHS	RATIO - INPUT:OUTPUT	1:10
OUTPUT  DYNAMES  OTHER NAMES  OTHER NAMES  OPERATING TEMPERATURE  A0°C ~ 85°C  NUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  DIFFERENTIAL - INPUT: OUTPUT  YES/YES  DETAILED DESCRIPTION  LOCK Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	PACKAGING	Tray
800-1985 1DT5T9310NLGI DT5T9310NLGI-ND  OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (168 Hours)  LEAD FREE STATUS / ROHS STATUS LEAD free / ROHS Compliant  INPUT CML, eHSTL, HSTL, LVDS, LVEPECL, LVTLL  FREQUENCY - MAX DIFFERENTIAL - INPUT: OUTPUT YES/YES  DETAILED DESCRIPTION  800-1985 1DT5T9310NLGI 1DT5T9310NLG 1DT5T931	PACKAGE / CASE	40-VFQFN Exposed Pad
OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE MOISTURE SENSITIVITY LEVEL (MSL) LEAD FREE STATUS / ROHS STATUS LEAD FREE STATUS /	OUTPUT	LVDS
NUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantINPUTCML, eHSTL, HSTL, LVDS, LVEPECL, LVTTLFREQUENCY - MAX1GHzDIFFERENTIAL - INPUT: OUTPUTYes/YesDETAILED DESCRIPTIONClock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	OTHER NAMES	IDT5T9310NLGI
MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAd free / RoHS Compliant  LEAD FREE STATUS / ROHS STATUS  CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  Yes/Yes  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	OPERATING TEMPERATURE	-40°C ∼ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  INPUT  CML, eHSTL, HSTL, LVDS, LVEPECL, LVTTL  FREQUENCY - MAX  DIFFERENTIAL - INPUT:OUTPUT  Yes/Yes  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	NUMBER OF CIRCUITS	1
LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL  FREQUENCY - MAX  1GHz  DIFFERENTIAL - INPUT:OUTPUT  Yes/Yes  DETAILED DESCRIPTION  Lead free / RoHS Compliant  CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL  1GHz  1GHz  1GHz  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	MOUNTING TYPE	Surface Mount
INPUT  FREQUENCY - MAX  DIFFERENTIAL - INPUT:OUTPUT  DETAILED DESCRIPTION  CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL  1GHz  1GHz  Yes/Yes  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
FREQUENCY - MAX  DIFFERENTIAL - INPUT:OUTPUT  Yes/Yes  DETAILED DESCRIPTION  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DIFFERENTIAL - INPUT:OUTPUT  Yes/Yes  DETAILED DESCRIPTION  Yes/Yes  Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	INPUT	CML, eHSTL, HSTL, LVDS, LVEPECL, LVPECL, LVTTL
DETAILED DESCRIPTION Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad	FREQUENCY - MAX	1GHz
	DIFFERENTIAL - INPUT:OUTPUT	Yes/Yes
BASE PART NUMBER IDT5T9310	DETAILED DESCRIPTION	Clock Fanout Buffer (Distribution), Multiplexer IC 1:10 1GHz 40-VFQFN Exposed Pad
	BASE PART NUMBER	IDT5T9310

#### **Related Tags**

IDT (Integrated Device Technology) 5T9310NLGI	5T9310NLGI Distributor	5T9310NLGI Supplier
5T9310NLGI Price	5T9310NLGI Pictures	5T9310NLGI Image
5T9310NLGI PDF Datasheet	5T9310NLGI Download Datasheet	5T9310NLGI Datasheet
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IDT, Integrated Device Technology Inc 5T9310NLGI	Integrated Device Technology (IDT) 5T9310NLGI	

# **Related Products**



## 5T9306NLGI8

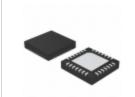
Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 2:6 1GHZ 28VFQFPN In stock: 12741 pcs

**RFQ** 

# **5T93GL02PGGI8**

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 1:2 450MHZ 20TSSOP

In stock: 2964 pcs **RFQ** 



# **5T9306NLGI**

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 2:6 1GHZ 28VFQFPN

In stock: 7874 pcs

**RFQ** 



## **5T9304PGG8**

Manufacturers: IDT (Integrated Device Technology) Description: IC CLOCK BUFFER MUX 2:4 24-TSSOP

In stock: 31076 pcs

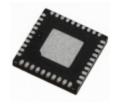
**RFQ** 



# **5T93GL04PGGI8**

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 2:4 450MHZ 24TSSOP In stock: 5687 pcs

**RFQ** 



## 5T9310NLGI8

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 1:10 1GHZ 40VFQFPN

In stock: 6277 pcs

**RFQ** 



#### 5T93GL04PGGI Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 2:4 450MHZ 24TSSOP

In stock: 5348 pcs

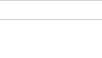
**RFQ** 



## **5T93GL061PFGI**

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 2:6 450MHZ 32TQFP In stock: 5362 pcs

**RFQ** 



() IDT.

# 5T9304EJGI8

Manufacturers: IDT (Integrated Device Technology) Description: IC CLOCK BUFFER MUX 2:4 24-TSSOP In stock: 39384 pcs

**RFQ** 



#### 5T93GL02PGGI Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 1:2 450MHZ 20TSSOP In stock: 2786 pcs

**RFQ** 

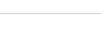


**5T9304PGG** 

Description: IC CLK BUFFER 2:4 450MHZ 24TSSOP In stock: 18599 pcs

Manufacturers: IDT (Integrated Device Technology)

**RFQ** 



## 5T9304EJGI

Manufacturers: IDT (Integrated Device Technology)

Description: IC CLOCK BUFFER MUX 2:4 24-TSSOP In stock: 15902 pcs

**RFQ** 



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