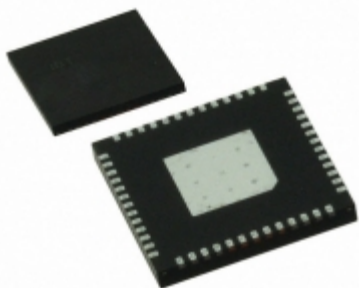



IDT5T9316NLGI8







Integrated Device Technology

Part Number: IDT5T9316NLGI8

Manufacturer IDT (Integrated Device Technology)

Description IC CLK BUFFER 2:16 1GHZ 52VFQFPN

Data sheet:  IDT5T9316
 IDT Suffixes

RoHs Status: Lead free / RoHS Compliant

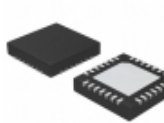
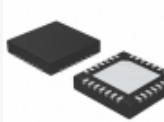

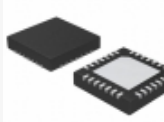


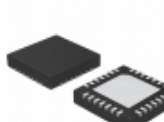
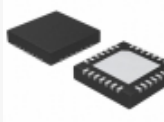

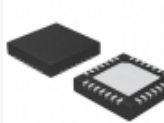






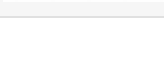



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Request For Quotation

PRODUCT PARAMETER			
Part Number	IDT5T9316NLGI8	Manufacturer	IDT (Integrated Device Technology)
Description	IC CLK BUFFER 2:16 1GHZ 52VFQFPN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5000 pcs	Data sheet	IDT5T9316 IDT Suffixes
Category	Integrated Circuits (ICs)	Voltage - Supply	2.3 V ~ 2.7 V
Type	Fanout Buffer (Distribution), Multiplexer	Supplier Device Package	52-VFQFPN (8x8)
Series	TeraBuffer™ II	Ratio - Input:Output	2:16
Packaging	Tape & Reel (TR)	Package / Case	52-VFQFN Exposed Pad
Output	LVDS	Other Names	5T9316NLGI8
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, LVPECL, LVTTTL
Frequency - Max	1GHz	Differential - Input:Output	Yes/Yes
Detailed Description	Clock Fanout Buffer (Distribution), Multiplexer IC 2:16 1GHz 52-VFQFN Exposed Pad	Base Part Number	IDT5T9316
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	Part#: IDT5T9820NLGI8 Description: IC CLK DRIVER ZD PLL 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T940-10NLGI Description: IC CLK GENERATOR PREC 28-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9050PGI Description: IC CLK BUFFER 1:5 200MHZ 28TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9820NLI Description: IC CLK DRIVER ZD PLL 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T929-10NLGI Description: IC CLOCK GENERATOR PREC 28VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T929-30NLGI8 Description: IC CLOCK GENERATOR PREC 28VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T905PGI Description: IC CLK BUFFER 1:5 250MHZ 28TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T929-10NLGI8 Description: IC CLOCK GENERATOR PREC 28VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9110BBGI Description: IC CLOCK DRIVER PLL DIFF 144BGA	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9820NLI8 Description: IC CLK DRIVER ZD PLL 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T940-30NLGI8 Description: IC CLK GENERATOR PREC 28-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T2010NLGI8 Description: IC CLK DVR ZD PLL 2.5V 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9110BBGI8 Description: IC CLOCK DRIVER PLL DIFF 144BGA	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T940-30NLGI Description: IC CLK GENERATOR PREC 28-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9821NLGI Description: IC CLK DRIVER ZD PLL 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T93GL161PFGI8 Description: IC CLK BUFFER 2:16 450MHZ 64TQFP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9820NLGI Description: IC CLK DRIVER ZD PLL 68-VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDT5T9316NLGI Description: IC CLK BUFFER 2:16 1GHZ 52VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ

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