



Image may be representation.  
See specifications for product details.

### 5T9306NLGI8

Part Number: **5T9306NLGI8**  
 Product Description: IC CLK BUFFER 2:6 1GHZ 28VFQFPN  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [5T9306NLGI8.pdf](#)

Manufacturer/Brand: IDT (Integrated Device Technology)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	5T9306NLGI8	<b>Manufacturer</b>	IDT (Integrated Device Technology)
<b>Description</b>	IC CLK BUFFER 2:6 1GHZ 28VFQFPN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	5T9306NLGI8.pdf		
<b>Voltage - Supply</b>	2.3 V ~ 2.7 V	<b>Type</b>	Fanout Buffer (Distribution), Multiplexer
<b>Supplier Device Package</b>	28-VFQFPN (6x6)	<b>Series</b>	TeraBuffer™ II
<b>Ratio - Input:Output</b>	2:6	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	28-VFQFN Exposed Pad	<b>Output</b>	LVDS
<b>Other Names</b>	IDT5T9306NLGI8 IDT5T9306NLGI8-ND	<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of Circuits</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	12 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input</b>	CML, eHSTL, HSTL, LVDS, LVPECL, LVTTTL
<b>Frequency - Max</b>	1GHz	<b>Differential - Input:Output</b>	Yes/Yes
<b>Detailed Description</b>	Clock Fanout Buffer (Distribution), Multiplexer IC 2:6 1GHz 28-VFQFN Exposed Pad	<b>Base Part Number</b>	IDT5T9306

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<p><b>5T93GL02PGGI</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 1:2 450MHZ 20TSSOP                  Download: <a href="#">5T93GL02PGGI.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>5T9302EJGI8</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLOCK BUFFER MUX 2:2 24-TSSOP                  Download: <a href="#">5T9302EJGI8.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>5T93GL02PGGI8</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLK BUFFER 1:2 450MHZ 20TSSOP                  Download: <a href="#">5T93GL02PGGI8.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>5T9304EJGI</b>                  Manufacturers: IDT (Integrated Device Technology)                  Description: IC CLOCK BUFFER MUX 2:4 24-TSSOP                  Download: <a href="#">5T9304EJGI.pdf</a></p> <p><a href="#">RFQ</a></p>
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