



2305B-1DCG







**Part Number:** [2305B-1DCG](#)

**Manufacturer:** [IDT \(Integrated Device Technology\)](#)

**Description:** IC CLK BUFFER 3.3V 8-SOIC

**Data sheet:**  [IDT2305B](#)  
 [IDT Suffixes](#)

**RoHs Status:** Lead free / RoHS Compliant





















**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	2305B-1DCG	Manufacturer	<a href="#">IDT (Integrated Device Technology)</a>
Description	IC CLK BUFFER 3.3V 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	158962 pcs	Data sheet	<a href="#">IDT2305B</a> <a href="#">IDT Suffixes</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply	3 V ~ 3.6 V
Type	Zero Delay Buffer	Supplier Device Package	8-SOIC
Series	-	Ratio - Input:Output	1:5
Packaging	Tube	Package / Case	8-SOIC (0.154", 3.90mm Width)
PLL	Yes with Bypass	Output	CMOS, LVCMOS, TTL
Other Names	800-1278 800-1278-5 800-1278-ND IDT2305B-1DCG	Operating Temperature	0°C ~ 70°C
Number of Circuits	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input	LVTTTL
Frequency - Max	133MHz	Divider/Multiplier	No/No
Differential - Input:Output	No/No	Base Part Number	IDT2305-1
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	Part#: <a href="#">2305A-1DCGI</a> Description: IC CLK BUFFER ZD 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305B-1DCGI</a> Description: IC CLK BUFFER 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305A-1HDCGI</a> Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">2305B-1HDCG</a> Description: IC CLK BUFFER 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305A-1DCGI8</a> Description: IC CLK BUFFER ZD 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305B-1DCG8</a> Description: IC CLK BUFFER ZD 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305A-1HDCGI8</a> Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305A-1DCG8</a> Description: IC CLK BUFFER ZD 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">2305B-1HDCGI8</a> Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">2305B-1DCGI8</a> Description: IC CLK BUFFER ZD 3.3V 8-SOIC	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
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