

Integrated Device Technology

**IDT (Integrated Device** 

Technology)

Part Number:

Manufacturer/Brand:

2305B-1DCGI8

Product description

Datasheets: RoHs Status

Stock Condition Ship From Shipment Way

2305B-1DCGI8

IDT (Integrated Device Technology)

Lead free / RoHS Compliant

IC CLK BUFFER ZD 3.3V 8-SOIC

1.2305B-1DCGI8.pdf 2.2305B-1DCGI8.pdf

164776 pcs stock Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

Image may be representation. See specifications for product details.

PART NUMBER  73058-IDCGI8  MANUFACTURER  1DT (Integrated Device Technology)  1DESCRIPTION  1C CLK BUFFER ZD 3.3V 8-SOIC  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compilant  164776 pcs  17508-1DCGI8.pdf  17508		Specifications of 2305B-1DCGI8
MANUFACTURER  DESCRIPTION  IC CLK BUFFER ZD 3.3V 8-SOIC  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  QUANTITY AVAILABLE  DATA SHEET  DATA SHEET  DATA SHEET  DATA SHEET  VOLTAGE - SUPPLY  Zero Delay Buffer  SUPPLIER DEVICE PACKAGE  SERIES  - RATIO - INPUT: OUTPUT  1:5  PACKAGE/ CASE  8-SOIC  PACKAGE/ CASE  8-SOIC (0.15**, 3.90mm Width)  PLL  Yes with Bypass  OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  DET23058-1DCGI8-ND  DOPERATING TEMPERATURE  - 40°C - 85°C  NUMBER OF CIRCUITS  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT: OUTPUT  No/No  DIFFERENTIAL - INPUT: OUTPUT  No/No		
DESCRIPTION  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  QUANTITY AVAILABLE  164776 pcs  DATA SHEET  DATA SHEE	PART NUMBER	2305B-1DCGI8
LEAD FREE STATUS / ROHS STATUS  QUANTITY AVAILABLE  164776 pcs  164776 pcs  164776 pcs  164776 pcs  164776 pcs  164776 pcs  1651 1.23058-1DCGI8.pdf  1652 2.23058-1DCGI8.pdf  1792 2.23058-1DCGI8.pd	MANUFACTURER	IDT (Integrated Device Technology)
QUANTITY AVAILABLE  DATA SHEET  DATA SHEET	DESCRIPTION	IC CLK BUFFER ZD 3.3V 8-SOIC
DATA SHEET  In 1.2305B-IDCGI8.pdf  VOLTAGE - SUPPLY  3 V ~ 3.6 V  TYPE  Zero Delay Buffer  SUPPLIER DEVICE PACKAGE  8-SOIC  SERIES  - RATIO - INPUT: OUTPUT  1:5  PACKAGING  Tape & Reel (TR)  PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width)  PLL  Ves with Bypass  OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  IDT2305B-IDCGI8 IDT2305B-IDCGI8 IDT2305B-IDCGI8-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  LIVITL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT: OUTPUT  No/No	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET    2.2305B-IDCGI8.pdf   VOLTAGE - SUPPLY   3 V ~ 3.6 V     TYPE	QUANTITY AVAILABLE	164776 pcs
TYPE Zero Delay Buffer  SUPPLIER DEVICE PACKAGE 8-SOIC  SERIES - RATIO - INPUT:OUTPUT 1:5  PACKAGING Tape & Reel (TR)  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width)  PLL Yes with Bypass  OUTPUT CMOS, LVCMOS, TTL  OTHER NAMES IDT2305B-1DCGI8  IDT2305B-1DCGI8-ND  OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant  INPUT LVTTL  FREQUENCY - MAX 133MHz  DIVIDER/MULTIPLIER NO/NO  DIFFERENTIAL - INPUT:OUTPUT NO/NO	DATA SHEET	
SUPPLIER DEVICE PACKAGE  SERIES  - RATIO - INPUT:OUTPUT  1:5  PACKAGING  Tape & Reel (TR)  PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width)  PLL  Yes with Bypass  OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  IDT23058-1DCGI8 IDT23058-1DCGI8 IDT23058-1DCGI8-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT:OUTPUT  No/No	VOLTAGE - SUPPLY	3 V ~ 3.6 V
SERIES  RATIO - INPUT:OUTPUT  1:5  PACKAGING  Tape & Reel (TR)  PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width)  PLL  Yes with Bypass  OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  IDT23058-1DCGI8 IDT23058-1DCGI8-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT:OUTPUT  No/No	TYPE	Zero Delay Buffer
PACKAGING Tape & Reel (TR)  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width)  PLL Yes with Bypass  OUTPUT CMOS, LVCMOS, TTL  OTHER NAMES IDT2305B-1DCG18 IDT2305B-1DCG18-ND  OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant  INPUT LVTTL  FREQUENCY - MAX 133MHz  DIVIDER/MULTIPLIER NO/NO  DIFFERENTIAL - INPUT: OUTPUT NO/NO	SUPPLIER DEVICE PACKAGE	8-SOIC
PACKAGING Tape & Reel (TR)  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width)  PLL Yes with Bypass  OUTPUT CMOS, LVCMOS, TTL  OTHER NAMES IDT2305B-1DCGI8	SERIES	-
PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width)  PLL  Yes with Bypass  OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  IDT2305B-1DCG18     IDT2305B-1DCG18-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT:OUTPUT  No/No	RATIO - INPUT:OUTPUT	1:5
PLL Yes with Bypass  OUTPUT CMOS, LVCMOS, TTL  OTHER NAMES IDT2305B-1DCG18 IDT2305B-1DCG18-ND  OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  INPUT LVTTL  FREQUENCY - MAX 133MHz  DIVIDER/MULTIPLIER NO/No  DIFFERENTIAL - INPUT:OUTPUT NO/No	PACKAGING	Tape & Reel (TR)
OUTPUT  CMOS, LVCMOS, TTL  OTHER NAMES  IDT2305B-1DCG18 IDT2305B-1DCG18-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT:OUTPUT  No/No	PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES  IDT2305B-1DCGI8 IDT2305B-1DCGI8-ND  OPERATING TEMPERATURE  -40°C ~ 85°C  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  INPUT  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  DIFFERENTIAL - INPUT: OUTPUT  No/No	PLL	Yes with Bypass
OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  INPUT LVTTL  FREQUENCY - MAX DIVIDER/MULTIPLIER No/No  DIFFERENTIAL - INPUT: OUTPUT  IDT2305B-1DCG18-ND  -40°C ~ 85°C  1  Lumber of Circuits 1  Lumber of Circuits 1  Lumber of Circuits 1  Lumber of Circuits 1  Lead free / RoHS Compliant 1  LVTTL  No/No  No/No	OUTPUT	CMOS, LVCMOS, TTL
NUMBER OF CIRCUITS1MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantINPUTLVTTLFREQUENCY - MAX133MHzDIVIDER/MULTIPLIERNo/NoDIFFERENTIAL - INPUT:OUTPUTNo/No	OTHER NAMES	
MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  No/No  No/No	OPERATING TEMPERATURE	-40°C ∼ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  LVTTL  FREQUENCY - MAX  DIVIDER/MULTIPLIER  No/No  No/No  No/No	NUMBER OF CIRCUITS	1
LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         INPUT       LVTTL         FREQUENCY - MAX       133MHz         DIVIDER/MULTIPLIER       No/No         DIFFERENTIAL - INPUT:OUTPUT       No/No	MOUNTING TYPE	Surface Mount
INPUT LVTTL FREQUENCY - MAX 133MHz DIVIDER/MULTIPLIER No/No DIFFERENTIAL - INPUT:OUTPUT No/No	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
FREQUENCY - MAX 133MHz  DIVIDER/MULTIPLIER No/No  DIFFERENTIAL - INPUT:OUTPUT No/No	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DIVIDER/MULTIPLIER No/No DIFFERENTIAL - INPUT:OUTPUT No/No	INPUT	LVTTL
DIFFERENTIAL - INPUT:OUTPUT No/No	FREQUENCY - MAX	133MHz
	DIVIDER/MULTIPLIER	No/No
BASE PART NUMBER IDT2305-1	DIFFERENTIAL - INPUT:OUTPUT	No/No
DISCIPILITION ID 12303 I	BASE PART NUMBER	IDT2305-1

# **Related Tags**

IDT (Integrated Device Technology) 2305B-1DCGI8	2305B-1DCGI8 Distributor	2305B-1DCGI8 Supplier
2305B-1DCGI8 Price	2305B-1DCGI8 Pictures	2305B-1DCGI8 Image
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IDT, Integrated Device Technology Inc 2305B-1DCGI8	Integrated Device Technology (IDT) 2305B-1DCGI8	

## **Related Products**



## 2305B-1HDCGI8

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC

In stock: 206986 pcs

**RFQ** 



## 2305B-1HDCG

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 3.3V 8-SOIC

In stock: 96093 pcs

**RFQ** 



## 2305B-1PGG

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER ZD PLL 8TSSOP

In stock: 5373 pcs

**RFQ** 



## 2305B-1DCG

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 3.3V 8-SOIC

In stock: 93573 pcs

**RFQ** 



## 2305A-1HDCGI8

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC

In stock: 177884 pcs

**RFQ** 



## 2305B-1DCGI

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER 3.3V 8-SOIC

In stock: 65848 pcs

**RFQ** 



#### 2305A-1HDCGI Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC

In stock: 161693 pcs

**RFQ** 



#### 2305B-1HDCGI Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 3.3V 8-SOIC In stock: 133118 pcs

**RFQ** 





### 2305B-1DCG8 Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER ZD 3.3V 8-SOIC In stock: 242229 pcs

**RFQ** 



#### 2305B-1HDCG8 Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC In stock: 250739 pcs

**RFQ** 



#### 2305A-1HDCG8 Manufacturers: IDT (Integrated Device Technology)

Description: IC CLK BUFFER 3.3V HI DRV 8-SOIC In stock: 215525 pcs

**RFQ** 



## 2305B-1PGG8

Manufacturers: IDT (Integrated Device Technology) Description: IC CLK BUFFER ZD 3.3V 8TSSOP

In stock: 5701 pcs **RFQ** 













