

2305B-1DCG8

2305B-1DCG8 Information

Print Debener.com	Part Number	2305B-1DCG8	
	Manufacturer	IDT, Integrated Device Technology Inc	EI 459 EI
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK BUFFER ZD 3.3V 8-SOIC	1 A 4 4 4 4
	Package	8-SOIC (0.154", 3.90mm Width)	同時的主張
For Reference Only		For the pricing/inventory/lead time, please contact us	
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2305B-1DCG8 Specifications

Manufacturer Part Number 2305B-1DCG8 Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 8-SOIC (0.154", 3.90mm Width) Series - Type Zero Delay Buffer PLL Yes with Bypass Input LVTTL Output CMOS, LVCMOS, TTL Number of Circuits 1 Ratio - Input:Output IS Number of Circuits 1.5 Differential - Input:Output No/No Virturey May Voltage - Supply Sur 3.6 V Output Over 70°C Mounting Type SurG (0.154", 3.90mm Width) Package / Case SurG (0.154", 3.90mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOutput TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	2305B-1DCG8	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSeriace MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeZero Delay BufferPLLYes with BypassInputLVTLLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max1.3MHzOlvider/MultiplierNo/NoVoltage - Supply0°C ~ 70°CMounting TypeSolC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max1.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating TemperatureO°C ~ 70°CMounting Type8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYes with BypassInputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-	
InputLVTTLOutputCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Zero Delay Buffer	
YCMOS, LVCMOS, TTLNumber of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Deckage8-SOIC	PLL	Yes with Bypass	
Number of Circuits1Number of Circuits1:5Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input	LVTTL	
Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS, LVCMOS, TTL	
Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:5	
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No	
Voltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	133MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	No/No	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3 V ~ 3.6 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	0°C ~ 70°C	
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	8-SOIC	
		Report errors?	

2305B-1DCG8 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

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We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

2305B-1DCG8 Payment Methods





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