

# 23S05T-1DCGI8

### 23S05T-1DCGI8 Information

	Part Number	23S05T-1DCGI8	
Interditioner.com	Manufacturer	IDT, Integrated Device Technology Inc	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK BUFFER PL ZD 8-SOIC	- 308 Maria
	Package	8-SOIC (0.154", 3.90mm Width)	- 国际通知
For Reference Only		For the pricing/inventory/lead time, please contact us	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# 23S05T-1DCGI8 Specifications

Manufacturer Part Number 23305T-1DCGI8   Manufacturer IDT, Integrated Device Technology Inc   Category Integrated Circuits (ICS)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Resource   Package 8-SOIC (0.154", 3.90mm Widh)   Series -   Type Zero Delay Buffer   PLL Yes with Bypass   Input LVTTL   Output CMOS, LVTTL   Number of Circuits 1   Ratio - Input:Output IS   Differential - Input:Output No/No   Frequency - Max I33MHz   Oltgae - Supply 2.3 V ~ 2.7 V   Operating Temperature 4.0°C ~ 85°C   Mounting Type Surface Mount   Package / Case 8.SOIC (0.154", 3.90mm Widh)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOutput frequencySurface MountOutputSurface MountSurface MountSurface MountDiperating TypeSurface MountBackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	23S05T-1DCGI8	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOutputSurface 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, LVTTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature440°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeZero Delay BufferPLLYes with BypassInputLVTLLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:Output15Differential - Input:OutputNo/NoFrequency - Max133 HHzDivider/Multiplier0.3 V ~ 2.7 VOperating Temperature40°C ~ 85°CMounting TypeSolC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzNovlo2.3 V ~ 2.7 VOperating Temperature40°C ~ 85°CMounting TypeSesOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYes with BypassPLLYes with BypassInputLVTTLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-	
InputLVTTLOutputCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Туре	Zero Delay Buffer	
Number of CircuitsCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	PLL	Yes with Bypass	
Number of Circuits1Number of Circuits1:5Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°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 - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS, LVTTL	
Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:5	
Divider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No	
Voltage - Supply2.3 V ~ 2.7 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	133MHz	
Operating Temperature-40°C ~ 85°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	2.3 V ~ 2.7 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	$-40^{\circ}$ C ~ $85^{\circ}$ 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?	

#### 23S05T-1DCGI8 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.

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