

2309-1HPGGI

2309-1HPGGI Information

Sty helsener.com	Part Number	2309-1HPGGI	
	Manufacturer	IDT, Integrated Device Technology Inc	EL:59.EL
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	2844 2844 2844 2844 2844 2844 2844 2844
	Description	IC CLK BUFFER ZD HI DRV 16-TSSOP	141 (141)
	Package	16-TSSOP (0.173", 4.40mm Width)	
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

Certified Quality

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2309-1HPGGI Specifications

Manufacturer Part Number 2309-11PGGI Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 16-TSSOP (0.173", 4.40mm Width) Series - Type Zero Delay Buffer PLL Yes with Bypass Input LVTTL Output LVTTL Number of Circuits 1 Ratio - Input:Output No/No Frequency - Max 133MHz Divider/Multiplier No/No Voltage - Supply Surface Mount Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output19Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOutput TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Package / Case16-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	2309-1HPGGI	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Manufacturer	IDT, Integrated Device Technology Inc	
Package16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeGurtage MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output19Differential - Input:OutputNo/NoFrequency - Max133MHzOutputSu < 3.6 V		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output19Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting Type16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Package	16-TSSOP (0.173", 4.40mm Width)	
PLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Series	-	
InputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating TemperatureSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Туре	Zero Delay Buffer	
Number of CircuitsLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting Type16-TSSOP (0.173", 4.40mm Width)Package / Case16-TSSOP	PLL	Yes with Bypass	
Number of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Input	LVTTL	
Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package-67SSOP	Output	LVTTL	
Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Number of Circuits	1	
Frequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Ratio - Input:Output	1:9	
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Differential - Input:Output	No/No	
Voltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Frequency - Max	133MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Divider/Multiplier	No/No	
Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Voltage - Supply	3 V ~ 3.6 V	
Package / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$	
Supplier Device Package 16-TSSOP	Mounting Type	Surface Mount	
	Package / Case	16-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	16-TSSOP	
		Report errors?	

2309-1HPGGI 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.



Service Guarantees

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

2309-1HPGGI Payment Methods



2309-1HPGGI Shipping Methods



If you have any question about 2309-1HPGGI, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com