

8T49N287A-993NLGI Information

www.brisener.sem		8T49N287A-993NLGI IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
FRE DUDDDD	Description	NETWORK TIMING	
	Package	56-VFQFN Exposed Pad	回認之影
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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8T49N287A-993NLGI Specifications

Manufacturer Part Number St49N287A-993NLGI Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 56-VFQFN Exposed Pad Series FemtoClock® NG Type Jitter Attenuator PLL Yes with Bypass Input HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, Crystal Output ISA Number of Circuits 1 Ratio - Input:Output Series Siferential - Input:Output Yes/Yes Voltage - Supply Yes/No Voltage - Supply Surface Mount Voltage - Supply Surface Mount Package / Case SerVFQFN Exposed Pad Surface Mount Surface Mount				
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage56-VFQFN Exposed PadSeriesFemtoClock® NGTypeJitter AttenuatorPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOunning TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Manufacturer Part Number	8T49N287A-993NLGI		
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage56-VFQFN Exposed PadSeriesFemtoClock® NGTypeJitter AttenuatorPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Manufacturer	IDT, Integrated Device Technology Inc		
Package56-VFQFN Exposed PadSeriesFemtoClock® NGTypeJitter AttenuatorPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply3:75 V ~ 3.465 VOperating TemperatureSurface MountAu°C ~ 85°CSurface MountSupplier Device Package56-VFQFN (8x8)	Category	Integrated Circuits (ICs)		
SeriesFemtoClock® NGTypeJitter AttenuatorPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzVoltage - Supply2:375 V ~ 3:465 VOperating Temperature4:0°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFPN (8x8)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers		
TimeInterferenceTypeJitter AttenuatorPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3.8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Package	56-VFQFN Exposed Pad		
PLLYes with BypassPLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Series	FemtoClock® NG		
InputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Туре	Jitter Attenuator		
OutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Deckage56-VFQFN (8x8)	PLL	Yes with Bypass		
Number of Circuits1Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Input	HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, Crystal		
Ratio - Input:Output3:8Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFN (8x8)	Output	HCSL, LVCMOS, LVDS, LVPECL		
Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Number of Circuits	1		
Frequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Ratio - Input:Output	3:8		
Divider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Differential - Input:Output	Yes/Yes		
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Frequency - Max	1GHz		
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Divider/Multiplier	Yes/No		
Mounting TypeSurface MountPackage / Case56-VFQFN Exposed PadSupplier Device Package56-VFQFPN (8x8)	Voltage - Supply	2.375 V ~ 3.465 V		
Package / Case 56-VFQFN Exposed Pad Supplier Device Package 56-VFQFPN (8x8)	Operating Temperature	-40°C ~ 85°C		
Supplier Device Package56-VFQFPN (8x8)	Mounting Type	Surface Mount		
	Package / Case	56-VFQFN Exposed Pad		
Report errors?	Supplier Device Package	56-VFQFPN (8x8)		
			Report errors?	

8T49N287A-993NLGI 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.

8T49N287A-993NLGI Payment Methods





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