

8T49N242-999NLGI

8T49N242-999NLGI Information



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



8T49N242-999NLGI Specifications

Manufacturer Part Number St49N242-999NLGI Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 40-VFQFN Exposed Pad Series FemtoClock? NG Type - PLL Yes with Bypass Input VCMOS, LVDS, LVDS, LVPECL, Crystal Output IL Number of Circuits 1 Ratio - Input:Output Ser/Yes Frequency - Max IGHz Divider/Multiplier Yes/Yes Voltage - Supply 2,375 V ~ 3.465 V Output Surface Mount Mounting Type Surface Mount Package / Case 40-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage40-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYes with BypassInputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOutput frequencySurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (Sc6)	Manufacturer Part Number	8T49N242-999NLGI
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage40-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYes with BypassInputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:OutputYes/YesDifferential - Input:OutputYes/YesFrequency - MaxIGHzNoltage - Supply2.375 V ~ 3.465 VOutput frequency4.0°C ~ 85°CMounting Type9.0-VFQFN Exposed PadSuppler Device Package40-VFQFN (sx6)	Manufacturer	IDT, Integrated Device Technology Inc
Package40-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYes with BypassInputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Category	Integrated Circuits (ICs)
SeriesFemtoClock? NGType-PLLYes with BypassInputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply.375 V ~ 3.465 VOperating Temperature.40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Type-PLLYes with BypassInputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6c6)	Package	40-VFQFN Exposed Pad
PLLYes with BypassInputLVCMOS, LVDS, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzVoltage - Supply2:375 V ~ 3:465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case0-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Series	FemtoClock? NG
InputLVCMOS, LVDS, LVHSTL, LVPECL, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Туре	-
OutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - Max1GHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Input	LVCMOS, LVDS, LVHSTL, LVPECL, Crystal
Ratio - Input:Output3:4Differential - Input:OutputYes/YesFrequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Output	HCSL, LVCMOS, LVDS, LVPECL
Differential - Input:OutputYes/YesFrequency - Max1GHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Number of Circuits	1
Frequency - MaxIGHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Ratio - Input:Output	3:4
Divider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Differential - Input:Output	Yes/Yes
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Frequency - Max	1GHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Voltage - Supply	2.375 V ~ 3.465 V
Package / Case40-VFQFN Exposed PadSupplier Device Package40-VFQFN (6x6)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 40-VFQFN (6x6)	Mounting Type	Surface Mount
	Package / Case	40-VFQFN Exposed Pad
Report errors?	Supplier Device Package	40-VFQFN (6x6)
		Report errors?

8T49N242-999NLGI 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.

8T49N242-999NLGI Payment Methods



8T49N242-999NLGI Shipping Methods



If you have any question about 8T49N242-999NLGI, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com