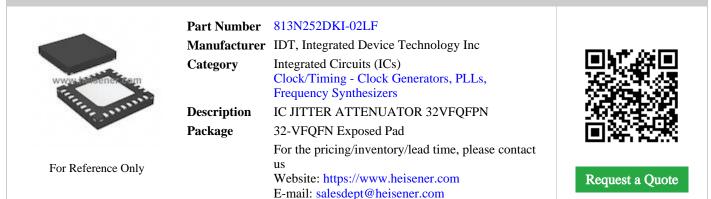


813N252DKI-02LF

813N252DKI-02LF Information



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.



813N252DKI-02LF Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Pifferential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutput Type-Munting TypeSurface Mount		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPrequency - RationSurface MountStrace MountSurface MountSurface MountSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer Part Number	813N252DKI-02LF
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer	IDT, Integrated Device Technology Inc
Package32-VFQFN Exposed PadSeriesFemtoClock? NGType-PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Category	Integrated Circuits (ICs)
SeriesFemtoClock? NGType-PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Type - PLL Yes Input HCSL, LVDS, LVHSTL, LVPECL Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output Yes/Yes Frequency - Max 312.5MHz Divider/Multiplier Yes/No Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount	Package	32-VFQFN Exposed Pad
PLLYesInputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Series	FemtoClock? NG
InputHCSL, LVDS, LVHSTL, LVPECLOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Туре	-
Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output Yes/Yes Frequency - Max 312.5MHz Divider/Multiplier Yes/No Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 32-VFQFN Exposed Pad	PLL	Yes
Number of Circuits1Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Input	HCSL, LVDS, LVHSTL, LVPECL
Ratio - Input:Output2:2Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Output	LVPECL
Differential - Input:OutputYes/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Number of Circuits	1
Frequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Ratio - Input:Output	2:2
Divider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Differential - Input:Output	Yes/Yes
Voltage - Supply 3.135 V ~ 3.465 VOperating Temperature -40° C ~ 85° CMounting TypeSurface MountPackage / Case 32 -VFQFN Exposed Pad	Frequency - Max	312.5MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Divider/Multiplier	Yes/No
Mounting Type Surface Mount Package / Case 32-VFQFN Exposed Pad	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case 32-VFQFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
•	Mounting Type	Surface Mount
Supplier Device Package32-VFQFN (5x5)	Package / Case	32-VFQFN Exposed Pad
	Supplier Device Package	32-VFQFN (5x5)
Report errors?		Report errors?

813N252DKI-02LF 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.

813N252DKI-02LF Payment Methods





If you have any question about 813N252DKI-02LF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com