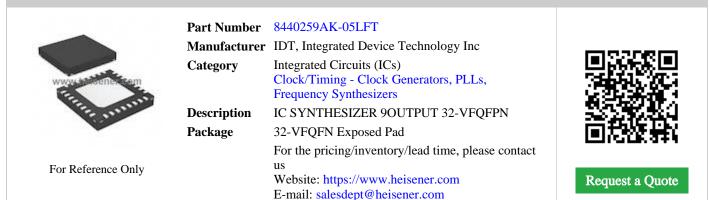


8440259AK-05LFT

8440259AK-05LFT 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.



8440259AK-05LFT Specifications

Manufacturer Part Number 8440259AK-05LFT Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 32-VFQFN Exposed Pad Series FentoClock? Type Frequency Synthesizer PLL Yes with Bypass Input LVCMOS, LVTL, Crystal Output LVCMOS, LVDS, LVTTL Number of Circuits 1 Ratio - Input:Output Series Prequency - Max 125MHz Divider/Multiplier Yes/No Voltage - Supply 3.135 V ~ 3.465 V Output Surface Mount Mounting Type Surface Mount Package / Case 3.2-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Manufacturer Part Number	8440259AK-05LFT
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Manufacturer	IDT, Integrated Device Technology Inc
Package32-VFQFN Exposed PadSeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Category	Integrated Circuits (ICs)
SeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2.9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFPN (55)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeFrequency SynthesizerPLLFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Package	32-VFQFN Exposed Pad
PLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Series	FemtoClock?
InputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Туре	Frequency Synthesizer
OutputLVCMOS, LVDS, LVTTLNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Input	LVCMOS, LVTTL, Crystal
Ratio - Input:Output2:9Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Output	LVCMOS, LVDS, LVTTL
Differential - Input:OutputNo/YesFrequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Number of Circuits	1
Frequency - Max125MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Ratio - Input:Output	2:9
Divider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Differential - Input:Output	No/Yes
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Frequency - Max	125MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Operating Temperature	0° C ~ 70° C
Supplier Device Package32-VFQFPN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
Report errors?	Supplier Device Package	32-VFQFPN (5x5)
		Report errors?

8440259AK-05LFT 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 BUARANTEE

Service Guarantees

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

8440259AK-05LFT Payment Methods



8440259AK-05LFT Shipping Methods



If you have any question about 8440259AK-05LFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com