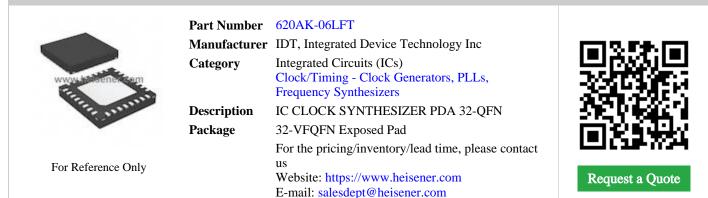


620AK-06LFT

620AK-06LFT 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.



620AK-06LFT Specifications

Series-TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1.4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:OutputI:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOutputO'C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer Part Number	620AK-06LFT
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzVoltage - Supply1.71 V ~ 2.625 VOutput0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer	IDT, Integrated Device Technology Inc
Package32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series-TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1.4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Type Clock/Frequency Synthesizer PLL Yes with Bypass Input Clock, Crystal Input Clock, Crystal Output Clock Number of Circuits 1 Ratio - Input:Output 1.4 Differential - Input:Output No/No Frequency - Max 4.4576MHz Divider/Multiplier Yes/No Voltage - Supply .171 V ~ 2.625 V Operating Type Surface Mount Mounting Type Surface Mount Package / Case 32-VFQENEAped	Package	32-VFQFN Exposed Pad
PLLYes with BypassInputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Series	-
InputClock, CrystalOutputClockNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Туре	Clock/Frequency Synthesizer
OutputClockNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Input	Clock, Crystal
Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Output	Clock
Differential - Input:OutputNo/NoFrequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Number of Circuits	1
Frequency - Max24.576MHzDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Ratio - Input:Output	1:4
PrivateYes/NoDivider/MultiplierYes/NoVoltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Differential - Input:Output	No/No
Voltage - Supply1.71 V ~ 2.625 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Frequency - Max	24.576MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Voltage - Supply	1.71 V ~ 2.625 V
Package / Case 32-VFQFN Exposed Pad	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$
	Mounting Type	Surface Mount
Supplier Davide Deckage 22 VEOEDN (5x5)	Package / Case	32-VFQFN Exposed Pad
Supplier Device Fackage 52-VI QITIN (3x3)	Supplier Device Package	32-VFQFPN (5x5)
Report errors?		Report errors?

620AK-06LFT 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 SUARANTEE

Service Guarantees

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

620AK-06LFT Payment Methods



620AK-06LFT Shipping Methods



If you have any question about 620AK-06LFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com