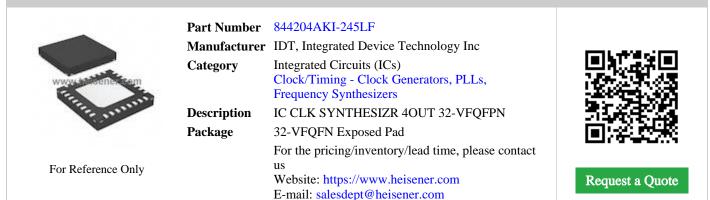


844204AKI-245LF

844204AKI-245LF 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.



844204AKI-245LF Specifications

Manufacturer Part Number844204AKI-245LFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)CategoryClock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output-Siferential - Input:Output-Prequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VMouning TypeSurface MountPackage / Case2.2VFQFN Exposed PadSupplier Devices2.2VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Differential - Input:Output-Prequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOutput-Surface Mount-urceanceanceanceanceanceanceanceanceancean	Manufacturer Part Number	844204AKI-245LF
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOutputSurface MountPreating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Manufacturer	IDT, Integrated Device Technology Inc
Package32-VFQFN Exposed PadSeries-TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Oifferential - Input:Output-Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOutputSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Category	Integrated Circuits (ICs)
Series-TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Offerential - Input:Output-Frequency - Max250MHzOitpider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VQuenting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (55)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeClock/Frequency SynthesizerPLL-InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Offerential - Input:Output-Frequency - Max200MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating TypeSufface MountPrequency Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (x55)	Package	32-VFQFN Exposed Pad
PLL-PLL-InputLVCMOS, LVTTLOutputLVDSOutput1Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Series	-
InputLVCMOS, LVTTLOutputLVDSNumber of Circuits1Ratio - Input:Output-Oifferential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Туре	Clock/Frequency Synthesizer
Output LVDS Number of Circuits 1 Ratio - Input:Output - Differential - Input:Output - Frequency - Max 250MHz Divider/Multiplier - Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 32-VFQFN Exposed Pad Supplier Device Package 32-VFQFN (5x5)	PLL	-
Number of Circuits1Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Input	LVCMOS, LVTTL
Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Output	LVDS
Differential - Input:Output-Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Number of Circuits	1
Frequency - Max250MHzDivider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Ratio - Input:Output	-
Divider/Multiplier-Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Differential - Input:Output	-
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Frequency - Max	250MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Divider/Multiplier	-
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	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Supplier Device Package 32-VFQFPN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
Peport errors?	Supplier Device Package	32-VFQFPN (5x5)
Keport errors?		Report errors?

844204AKI-245LF 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 EUARANTEE

Service Guarantees

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

844204AKI-245LF Payment Methods



844204AKI-245LF Shipping Methods



If you have any question about 844204AKI-245LF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com