

# 841204AK-245LF

### 841204AK-245LF Information

WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	 841204AK-245LF IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Application Specific IC CLOCK SYNTHESIZER 32-VFQFPN 32-VFQFN Exposed Pad For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **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.



## 841204AK-245LF Specifications

Manufacturer Part Number841204AK-245LFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)CategoryClock/Timing - Application SpecificPackage32-VFQFN Exposed PadSeries-PLLNoMain PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Pifferential - Input:Output250MHzVoltage - Supply3.3VOperating TemperatureOv° ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (StS)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Application SpecificPackage32-VFQFN Exposed PadSeries-PLLNoMain PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Manufacturer Part Number	841204AK-245LF
Clock/Timing - Application SpecificPackage32-VFQFN Exposed PadSeries-PLLNoMain PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Soldage - Supply3.3VOutput0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Manufacturer	IDT, Integrated Device Technology Inc
Package32-VFQFN Exposed PadSeries-PLLNoMain PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Category	Integrated Circuits (ICs)
Series-PLLNoMain PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply0°C ~ 70°CMounting TypeSurface MountPackage / Case3.2VFQFPN Exposed PadSupplier Device Package32-VFQFPN (5x5)		Clock/Timing - Application Specific
PLLNoMain PurposeFCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Srequency - Max250MHzVoltage - Supply3.3VOperating TemperatureSurface MountPackage / Case32VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Package	32-VFQFN Exposed Pad
Main PurposePCI Express (PCIe)InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Srequency - Max250MHzVoltage - Supply3.3VOperating TemperatureOrc ~ 70°CMounting TypeSurface MountPackage / Case32VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Series	-
InputCrystalOutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	PLL	No
OutputLVDSNumber of Circuits-Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Main Purpose	PCI Express (PCIe)
Number of Circuits-Number of Circuits-Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Input	Crystal
Ratio - Input:Output-Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Output	LVDS
Differential - Input:Output-Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Number of Circuits	-
Frequency - Max250MHzVoltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Ratio - Input:Output	-
Voltage - Supply3.3VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFN (5x5)	Differential - Input:Output	-
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Frequency - Max	250MHz
Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Voltage - Supply	3.3V
Package / Case32-VFQFN Exposed PadSupplier Device Package32-VFQFPN (5x5)	Operating Temperature	$0^{\circ}$ C ~ $70^{\circ}$ C
Supplier Device Package32-VFQFPN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
	Supplier Device Package	32-VFQFPN (5x5)
Report errors?		Report errors?

#### 841204AK-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 Guarantees**

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

#### 841204AK-245LF Payment Methods



## 841204AK-245LF Shipping Methods



If you have any question about 841204AK-245LF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com