

# ZL40216LDF1

#### ZL40216LDF1 Information

Contraction of the second	ZL40216LDF1 Microchip Technology Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFFER 1:6 750MHZ 32QFN 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**

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# ZL40216LDF1 Specifications

Manufacturer Part NumberZL40216LDF1ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output16Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QEFN (5x5)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Manufacturer Part Number	ZL40216LDF1
Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Manufacturer	Microchip Technology
Package32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesOutputCML, HCSL, LVCMOS, LVDS, LVPECLOutput1:0Frequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating TemperatureSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Package	32-VFQFN Exposed Pad
Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Series	-
Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Туре	Fanout Buffer (Distribution)
Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzYoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Number of Circuits	1
InputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Ratio - Input:Output	1:6
OutputLVDSFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Differential - Input:Output	Yes/Yes
Frequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Input	CML, HCSL, LVCMOS, LVDS, LVPECL
Voltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Output	LVDS
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Frequency - Max	750MHz
Mounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Voltage - Supply	2.375V ~ 3.465V
Package / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package32-QFN (5x5)	Mounting Type	Surface Mount
	Package / Case	32-VFQFN Exposed Pad
Report errors?	Supplier Device Package	32-QFN (5x5)
		Report errors?

#### **ZL40216LDF1** 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.

#### ZL40216LDF1 Payment Methods



### ZL40216LDF1 Shipping Methods



If you have any question about ZL40216LDF1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com