

# ZL40217LDF1

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#### ZL40217LDF1 Information

WWWW Descriptions	Part Number	ZL40217LDF1	
	Manufacturer	Microsemi Corporation	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers	
	Description	IC CLK BUFFER 1:6 750MHZ 32QFN	
	Package	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	

## **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.



## ZL40217LDF1 Specifications

ManufacturerMicrosemi CorporationCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputVery FesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutput2.375 V ~ 3.465 VVoltage - Supply.40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad		
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, LVDECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer Part Number	ZL40217LDF1
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 - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Manufacturer	Microsemi Corporation
Package32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVDECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Package	32-VFQFN Exposed Pad
Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzYoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Series	-
Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Туре	Fanout Buffer (Distribution)
Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Number of Circuits	1
InputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Ratio - Input:Output	1:6
OutputLVDSFrequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Differential - Input:Output	Yes/Yes
Frequency - Max750MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Input	CML, HCSL, LVCMOS, LVDS, LVPECL
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Output	LVDS
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed Pad	Frequency - Max	750MHz
Mounting Type Surface Mount   Package / Case 32-VFQFN Exposed Pad	Voltage - Supply	2.375 V ~ 3.465 V
Package / Case 32-VFQFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package32-QFN (5x5)	Package / Case	32-VFQFN Exposed Pad
	Supplier Device Package	32-QFN (5x5)
Report errors?		Report errors?

#### ZL40217LDF1 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.

#### ZL40217LDF1 Payment Methods



### ZL40217LDF1 Shipping Methods



If you have any question about ZL40217LDF1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com