

# ZL40208LDG1

#### ZL40208LDG1 Information

Contraction of the second seco	ZL40208LDG1 Microchip Technology Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFF MUX 2:6 750MHZ 32QFN 32-VFQFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# ZL40208LDG1 Specifications

Manufacturer Part NumberZL40208LDG1ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2:375V ~ 3:465VOperating Temperature4:0°C ~ 85°CMounting TypeSurface MountPackage / Case3:2-VFQFN Exposed PadSupplier Device Package3:2-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutput1Frequency - Max750MHzVoltage - Supply2:375V ~ 3:465VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Manufacturer Part Number	ZL40208LDG1
Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - 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), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesOutputCML, HCSL, LVCMOS, LVDS, LVPECLOutput1Frequency - Max7:50MHzVoltage - Supply2:375V ~ 3:465VOperating TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLSrequency - Max750MHzOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating TemperatureSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Package	32-VFQFN Exposed Pad
Number of Circuits1Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Series	-
Ratio - Input:Output2:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Туре	Fanout Buffer (Distribution), Multiplexer
Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - 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, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-VFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Ratio - Input:Output	2:6
OutputLVPECLFrequency - 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	LVPECL
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?

#### ZL40208LDG1 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.

#### ZL40208LDG1 Payment Methods



### ZL40208LDG1 Shipping Methods



If you have any question about ZL40208LDG1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com