

# ZL40225LDG1

#### ZL40225LDG1 Information

anne har at the state	ZL40225LDG1 Microchip Technology Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFF MUX 2:8 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

## **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.



# ZL40225LDG1 Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesOutputLVPECLFequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Manufacturer Part Number	ZL40225LDG1
Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Manufacturer	Microchip Technology
Package       32-VFQFN Exposed Pad         Series       -         Type       Fanout Buffer (Distribution), Multiplexer         Number of Circuits       1         Ratio - Input:Output       2:8         Differential - Input:Output       Yes/Yes         Input       CML, HCSL, LVCMOS, LVDE, LVPECL         Output       LVPECL         Frequency - Max       750MHz         Voltage - Supply       2.375V ~ 3.465V         Operating Temperature       -40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Package	32-VFQFN Exposed Pad
Number of Circuits1Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Series	-
Ratio - Input:Output2:8Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Туре	Fanout Buffer (Distribution), Multiplexer
InputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Number of Circuits	1
InputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Ratio - Input:Output	2:8
OutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Differential - Input:Output	Yes/Yes
Frequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Input	CML, HCSL, LVCMOS, LVDS, LVPECL
Voltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Output	LVPECL
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Frequency - Max	750MHz
	Voltage - Supply	2.375V ~ 3.465V
Mounting Type Surface Mount	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
	Mounting Type	Surface Mount
Package / Case 32-VFQFN Exposed Pad	Package / Case	32-VFQFN Exposed Pad
Supplier Device Package32-QFN (5x5)	Supplier Device Package	32-QFN (5x5)
Report errors?		Report errors?

#### ZL40225LDG1 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.

### ZL40225LDG1 Payment Methods





If you have any question about ZL40225LDG1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com