

# ZL40205LDF1

#### ZL40205LDF1 Information

And the second s	ZL40205LDF1 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	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **Certified Quality**

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# ZL40205LDF1 Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated 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, 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)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Manufacturer Part Number	ZL40205LDF1
Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Manufacturer	Microchip Technology
Package32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDE, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:6Differential - 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)Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzYoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Package	32-VFQFN Exposed Pad
Number of Circuits1Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Series	-
Ratio - Input:Output1:6Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputLVPECLFrequency - Max750MHzVoltage - Supply2.375V ~ 3.465VOperating Temperature-40°C ~ 85°C	Туре	Fanout Buffer (Distribution)
Differential - Input:OutputYes/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	1:6
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°C ~ 85°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?

#### **ZL40205LDF1** 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 BUARANTEE

#### **Service Guarantees**

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

## ZL40205LDF1 Payment Methods



## ZL40205LDF1 Shipping Methods



If you have any question about ZL40205LDF1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com