

SI53308-B-GM

SI53308-B-GM Information

Contraction of the second seco	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC BUFFER/LEVEL XLATOR 1:3 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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SI53308-B-GM Specifications

Manufacturer Part NumberSI53308-B-GMManufacturerSilicon LabsCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutput25MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature40°C ~ 85°CMounting TypeSurface Mount		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutput725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Manufacturer Part Number	SI53308-B-GM
Clock/Timing - Clock Buffers, DriversPackage32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutput725MHzFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature40°C ~ 85°C	Manufacturer	Silicon Labs
Package32-VFQFN Exposed PadSeries-TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), TranslatorNumber of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzYoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Package	32-VFQFN Exposed Pad
Number of Circuits2Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Series	-
Ratio - Input:Output1:3Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Туре	Fanout Buffer (Distribution), Translator
Differential - Input:OutputYes/YesInputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Number of Circuits	2
InputCML, HCSL, LVCMOS, LVDS, LVPECLOutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Ratio - Input:Output	1:3
OutputCML, HCSL, LVCMOS, LVDS, LVPECLFrequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Differential - Input:Output	Yes/Yes
Frequency - Max725MHzVoltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Input	CML, HCSL, LVCMOS, LVDS, LVPECL
Voltage - Supply1.71 V ~ 3.63 VOperating Temperature-40°C ~ 85°C	Output	CML, HCSL, LVCMOS, LVDS, LVPECL
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Frequency - Max	725MHz
	Voltage - Supply	1.71 V ~ 3.63 V
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?

SI53308-B-GM 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

Service Guarantees

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

SI53308-B-GM Payment Methods



SI53308-B-GM Shipping Methods



If you have any question about SI53308-B-GM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com