

SY89831UMG

Request a Quote

SY89831UMG Information

	Part Number	SY89831UMG
	Manufacturer	Microchip Technology
ER JUDI	Category	Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers
	Description	IC CLK BUFFER 1:4 2GHZ 16MLF
	Package	16-VFQFN Exposed Pad, 16-MLF?
		For the pricing/inventory/lead time, please contact
		us
For Reference Only		Website: https://www.heisener.com
i si iterenene omiy		E-mail: salesdept@heisener.com



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.



SY89831UMG Specifications

Manufacturer Part Number SY 89831UMG Manufacturer Microchip Technology Category Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers Clock/Timing - Clock Buffers, Drivers Package 16-VFQEN Exposed Pad, 16-MLF? Series Precision Edge? Type Fanout Buffer (Distribution), Translator Number of Circuits 1 Ratio - Input:Output 1:4 Differential - Input:Output Ves/Yes Input CML, LVDS, LVPECL Output LVPECL Voltage - Supply 2.375 V ~ 3.6 V Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case 16-VFQEN Exposed Pad, 16-MLF?		
CategoryIntegrated Circuits (ICs)CackageClock/Timing - Clock Buffers, DriversPackage16-VFQFN Exposed Pad, 16-MLF?SeriesPrecision Edge?TypeFanout Buffer (Distribution), TranslatorNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Manufacturer Part Number	SY89831UMG
Indext and the second	Manufacturer	Microchip Technology
Package16-VFQFN Exposed Pad, 16-MLF?SeriesPrecision Edge?TypeFanout Buffer (Distribution), TranslatorNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputCMLFrequency - Max2GHzVoltage - Supply.375 V ~ 3.6 VOperating TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Category	Integrated Circuits (ICs)
SeriesPrecision Edge?TypeFanout Buffer (Distribution), TranslatorNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputLVPECLSrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating TemperatureSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), TranslatorNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Package	16-VFQFN Exposed Pad, 16-MLF?
Number of Circuits 1 Ratio - Input:Output 1:4 Differential - Input:Output Yes/Yes Input CML, LVDS, LVPECL Output LVPECL Frequency - Max 2GHz Voltage - Supply 2.375 V ~ 3.6 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-VFQFN Exposed Pad, 16-MLF? Supplier Device Package 16-MLF? (3x3)	Series	Precision Edge?
Ratio - Input:Output1:4Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Туре	Fanout Buffer (Distribution), Translator
Differential - Input:OutputYes/YesInputCML, LVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Number of Circuits	1
InputCML, LVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Ratio - Input:Output	1:4
OutputLVPECLFrequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Differential - Input:Output	Yes/Yes
Frequency - Max2GHzVoltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Input	CML, LVDS, LVPECL
Voltage - Supply2.375 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Output	LVPECL
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Frequency - Max	2GHz
Mounting TypeSurface MountPackage / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Voltage - Supply	2.375 V ~ 3.6 V
Package / Case16-VFQFN Exposed Pad, 16-MLF?Supplier Device Package16-MLF? (3x3)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 16-MLF? (3x3)	Mounting Type	Surface Mount
	Package / Case	16-VFQFN Exposed Pad, 16-MLF?
Report errors?	Supplier Device Package	16-MLF? (3x3)
•		Report errors?

SY89831UMG 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.

SY89831UMG Payment Methods



SY89831UMG Shipping Methods



If you have any question about SY89831UMG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com