

SY89825UHY-TR

SY89825UHY-TR Information



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.



SY89825UHY-TR Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage64-TQFP Exposed PadPackagePrecision Edge?TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputVPS KSOutputLVDS, LVPECLNunder of Supply2:37 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting Type6:4TQFP Exposed Pad		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage64-TQFP Exposed PadSeriesPrecision Edge?TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-EP-TQFP	Manufacturer Part Number	SY89825UHY-TR
Clock/Timing - Clock Buffers, DriversPackage64-TQFP Exposed PadSeriesPrecision Edge?TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesOutputLVDS, LVPECLOutput2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Manufacturer	Microchip Technology
Package64-TQFP Exposed PadSeriesPrecision Edge?TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply.37 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case64-EP-TQFP	Category	Integrated Circuits (ICs)
SeriesPrecision Edge?TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLStequency - Max2GHzOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), Multiplexer, TranslatorNumber of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating TemperatureSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Package	64-TQFP Exposed Pad
Number of Circuits1Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLSuppler Supply2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Series	Precision Edge?
Ratio - Input:Output2:22Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Туре	Fanout Buffer (Distribution), Multiplexer, Translator
Differential - Input:OutputYes/YesInputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Number of Circuits	1
InputLVDS, LVPECLOutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Ratio - Input:Output	2:22
OutputLVPECLFrequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Differential - Input:Output	Yes/Yes
Frequency - Max2GHzVoltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Input	LVDS, LVPECL
Voltage - Supply2.37 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Output	LVPECL
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Frequency - Max	2GHz
Mounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Voltage - Supply	2.37 V ~ 3.6 V
Package / Case64-TQFP Exposed PadSupplier Device Package64-EP-TQFP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Supplier Device Package 64-EP-TQFP	Mounting Type	Surface Mount
	Package / Case	64-TQFP Exposed Pad
Report errors?	Supplier Device Package	64-EP-TQFP
		Report errors?

SY89825UHY-TR 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.

SY89825UHY-TR Payment Methods





If you have any question about SY89825UHY-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com