

853S031BYILF

853S031BYILF Information

www.hersenencom	 853S031BYILF IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFFER 2:9 1.6GHZ 32TQFP 32-LQFP 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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853S031BYILF Specifications

Manufacturer Part Number853S031BYILFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputYes/YesOutputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutput1.6GHzYotage - Supply2.375 V ~ 3.465 VOutputg TypeSurface MountMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2:375 V ~ 3.465 VMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Manufacturer Part Number	853S031BYILF
Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputYes/YesOutputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFP (7x7)	Manufacturer	IDT, Integrated Device Technology Inc
Package32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputYes/YesOutputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Category	Integrated Circuits (ICs)
Series-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input: Output2:9Differential - Input: OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLSrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input: Output2:9Differential - Input: OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Package	32-LQFP
Number of Circuits1Ratio - Input:Output2:9Differential - Input:OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Series	-
Ratio - Input:Output2:9Differential - Input:OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Туре	Fanout Buffer (Distribution), Multiplexer
Differential - Input:OutputYes/YesInputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Number of Circuits	1
InputCML, HCSL, LVDS, LVHSTL, LVPECL, SSTLOutputECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Ratio - Input:Output	2:9
NumberECL, PECLFrequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Differential - Input:Output	Yes/Yes
Frequency - Max1.6GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Input	CML, HCSL, LVDS, LVHSTL, LVPECL, SSTL
Yoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Output	ECL, PECL
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Frequency - Max	1.6GHz
Mounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Voltage - Supply	2.375 V ~ 3.465 V
Package / Case32-LQFPSupplier Device Package32-TQFP (7x7)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Supplier Device Package32-TQFP (7x7)	Mounting Type	Surface Mount
	Package / Case	32-LQFP
Report errors?	Supplier Device Package	32-TQFP (7x7)
		Report errors?

853S031BYILF 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.

853S031BYILF Payment Methods





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