

854S202AYILF

854S202AYILF Information

		Part Number Manufacturer Category Description Package	854S202AYILF IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK MULTIPLX 12:2 3GHZ 48LQFP 48-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

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.



854S202AYILF Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage48-LQFPSeries-TypeMultiplexerNumber of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputUVDSOutputSGHzYoltage - Supply3.135 V ~ 3.465 VOutput Type40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFP		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage48-LQFPSeries-TypeMultiplexerNumber of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputUVDSOutput1VDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFP (7x7)	Manufacturer Part Number	854S202AYILF
Clock/Timing - Clock Buffers, Drivers Package 48-LQFP Series - Type Multiplexer Number of Circuits 1 Ratio - Input:Output 12:2 Differential - Input:Output Yes/Yes Input HCSL, HSTL, LVDS, LVPECL, SSTL Output LVDS Frequency - Max 3GHz Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 48-LQFP (7x7)	Manufacturer	IDT, Integrated Device Technology Inc
Package48-LQFPSeries-TypeMultiplexerNumber of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Category	Integrated Circuits (ICs)
Series-TypeMultiplexerNumber of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)		Clock/Timing - Clock Buffers, Drivers
TypeMultiplexerNumber of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case48-LQFP (7x7)	Package	48-LQFP
Number of Circuits1Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Series	-
Ratio - Input:Output12:2Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Туре	Multiplexer
Differential - Input:OutputYes/YesInputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Number of Circuits	1
InputHCSL, HSTL, LVDS, LVPECL, SSTLOutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Ratio - Input:Output	12:2
OutputLVDSFrequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Differential - Input:Output	Yes/Yes
Frequency - Max3GHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Input	HCSL, HSTL, LVDS, LVPECL, SSTL
Voltage - Supply 3.135 V ~ 3.465 VOperating Temperature -40° C ~ 85° CMounting TypeSurface MountPackage / Case 48 -LQFPSupplier Device Package 48 -LQFP (7x7)	Output	LVDS
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Frequency - Max	3GHz
Mounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package48-LQFP (7x7)	Mounting Type	Surface Mount
	Package / Case	48-LQFP
Report errors?	Supplier Device Package	48-LQFP (7x7)
		Report errors?

854S202AYILF 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 UARANTEE

Service Guarantees

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

854S202AYILF Payment Methods





If you have any question about 854S202AYILF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com