

8530FY-01LFT

a Quote

8530FY-01LFT Information

With the second se	Part Number	8530FY-01LFT	
	Manufacturer	IDT, Integrated Device Technology Inc	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers	- 18 S
	Description	IC CLK BUFFER 1:16 500MHZ 48TQFP	1.007
	Package	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

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.



8530FY-01LFT Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage48-LQFPSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes YesInputLVPECLOutput500MHzFrequency - Max500MHzVoltage - Supply3:135 V ~ 3:465 VOperating Temperature0°C ~ 70°CMounting Type48-LQFPPackage / Case48-LQFP		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage48-LQFPSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputLVPECLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFP (7x7)	Manufacturer Part Number	8530FY-01LFT
Clock/Timing - Clock Buffers, DriversPackage48-LQFPSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFP (7x7)	Manufacturer	IDT, Integrated Device Technology Inc
Package48-LQFPSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFP (7x7)	Category	Integrated Circuits (ICs)
Series-Series-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLSteplency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (Tx7)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Package	48-LQFP
Number of Circuits1Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Series	-
Ratio - Input:Output1:16Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Туре	Fanout Buffer (Distribution)
Differential - Input:Yes/YesInputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Number of Circuits	1
InputHCSL, LVDS, LVHSTL, LVPECL, SSTLOutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Ratio - Input:Output	1:16
OutputLVPECLFrequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Differential - Input:Output	Yes/Yes
Frequency - Max500MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Input	HCSL, LVDS, LVHSTL, LVPECL, SSTL
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Output	LVPECL
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Frequency - Max	500MHz
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	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Supplier Device Package48-LQFP (7x7)	Mounting Type	Surface Mount
	Package / Case	48-LQFP
Report errors?	Supplier Device Package	48-LQFP (7x7)
		Report errors?

8530FY-01LFT 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 EUARANTEE

Service Guarantees

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

8530FY-01LFT Payment Methods



8530FY-01LFT Shipping Methods



If you have any question about 8530FY-01LFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com