

83948AYI-01LFT

83948AYI-01LFT Information

| www.hersene.neam | 83948AYI-01LFT IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFFER 2:12 150MHZ 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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83948AYI-01LFT Specifications

| Manufacturer Part Number83948AY1-01LFTManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutput1.Yotage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7) | | | |
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| CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFP (7x7) | Manufacturer Part Number | 83948AYI-01LFT | |
| Indext and the second | Manufacturer | IDT, Integrated Device Technology Inc | |
| Package32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoOutputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutput150MHzFrequency - Max3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFP (7x7) | Category | Integrated Circuits (ICs) | |
| Series-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | | Clock/Timing - Clock Buffers, Drivers | |
| TypeFanout Buffer (Distribution), MultiplexerTypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Package | 32-LQFP | |
| Number of Circuits1Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Series | - | |
| Ratio - Input:Output2:12Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Туре | Fanout Buffer (Distribution), Multiplexer | |
| Differential - Input:OutputYes/NoInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Number of Circuits | 1 | |
| InputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Ratio - Input:Output | 2:12 | |
| OutputLVCMOSFrequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Differential - Input:Output | Yes/No | |
| Frequency - Max150MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Input | HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTL | |
| Voltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Output | LVCMOS | |
| Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Frequency - Max | 150MHz | |
| Mounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-TQFP (7x7) | Voltage - Supply | 3 V ~ 3.6 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? |

83948AYI-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 Guarantees

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

83948AYI-01LFT Payment Methods



83948AYI-01LFT Shipping Methods



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