

83947AYILN

83947AYILN Information

www.hersener.com	 83947AYILN IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFFER 2:9 110MHZ 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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83947AYILN Specifications

Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers Clock/Timing - Clock Buffers, Drivers Package 32-LQFP Series - Type Fanout Buffer (Distribution), Multiplexer Number of Circuits 1 Ratio - Input:Output 2:9 Differential - Input:Output No/No Input LVCMOS, LVTTL Output LVCMOS, LVTTL Voltage - Supply 3 V ~ 3.6 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 32-LQFP Supplier Device Package 32-LQFP		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2.9Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLStreage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFP (7x7)	Manufacturer Part Number	83947AYILN
Clock/Timing - Clock Buffers, DriversPackage32-LQFPSeries-TypeFanout Buffer (Distribution), MultiplexerNumber of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLOutput3 V ~ 3.6 VOperating Temperature-40°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:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 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:Output2:9Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLOutput110MHzVoltage - Supply3 V ~ 3.6 VOperating TemperatureSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)		Clock/Timing - Clock Buffers, Drivers
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Number of Circuits1Ratio - Input:Output2:9Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Series	-
Ratio - Input:Output2:9Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Туре	Fanout Buffer (Distribution), Multiplexer
Differential - Input:OutputNo/NoInputLVCMOS, LVTTLOutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Number of Circuits	1
InputLVCMOS, LVTTLOutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Ratio - Input:Output	2:9
OutputLVCMOS, LVTTLFrequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Differential - Input:Output	No/No
Frequency - Max110MHzVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Input	LVCMOS, LVTTL
Voltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Output	LVCMOS, LVTTL
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Frequency - Max	110MHz
Mounting TypeSurface MountPackage / Case32-LQFPSupplier Device Package32-LQFP (7x7)	Voltage - Supply	3 V ~ 3.6 V
Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Supplier Device Package32-LQFP (7x7)	Mounting Type	Surface Mount
	Package / Case	32-LQFP
Report errors?	Supplier Device Package	32-LQFP (7x7)
1		Report errors?

83947AYILN 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.

83947AYILN Payment Methods



83947AYILN Shipping Methods



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