



### 851021AYLF Information



For Reference Only

Part Number 851021AYLF

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Clock/Timing - Clock Buffers, Drivers

**Description** IC CLK BUFFER 1:21 250MHZ 64TQFP

Package 64-TQFP Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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### 851021AYLF Specifications

Manufacturer Part Number851021AYLFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage64-TQFP Exposed PadSeries-TypeFanout Buffer (Distribution)Number of Circuits1Ratio - Input:Output1:21Differential - Input:OutputYes/YesInputHCSL, LVDS, LVHSTL, LVPECLOutputHCSLFrequency - Max250MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-TQFP-EP (10x10)	octobilities openications	
Category  Integrated Circuits (ICs)  Clock/Timing - Clock Buffers, Drivers  64-TQFP Exposed Pad  Series  - Type Fanout Buffer (Distribution)  Number of Circuits  1 1:21  Differential - Input:Output Yes/Yes  Input HCSL, LVDS, LVHSTL, LVPECL  Output HCSL  Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)	Manufacturer Part Number	851021AYLF
Clock/Timing - Clock Buffers, Drivers  Package 64-TQFP Exposed Pad  Series -  Type Fanout Buffer (Distribution)  Number of Circuits 1  Ratio - Input:Output 1:21  Differential - Input:Output Yes/Yes  Input HCSL, LVDS, LVHSTL, LVPECL  Output HCSL  Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)	Manufacturer	IDT, Integrated Device Technology Inc
Package 64-TQFP Exposed Pad  Series - Type Fanout Buffer (Distribution)  Number of Circuits 1 Ratio - Input:Output 1:21  Differential - Input:Output Yes/Yes  Input HCSL, LVDS, LVHSTL, LVPECL  Output HCSL  Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)	Category	Integrated Circuits (ICs)
Series Type Fanout Buffer (Distribution)  Number of Circuits 1 Ratio - Input:Output 1:21  Differential - Input:Output Yes/Yes Input HCSL, LVDS, LVHSTL, LVPECL  Output HCSL Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)		Clock/Timing - Clock Buffers, Drivers
Type Fanout Buffer (Distribution)  Number of Circuits 1  Ratio - Input:Output 1:21  Differential - Input:Output Yes/Yes  Input HCSL, LVDS, LVHSTL, LVPECL  Output HCSL  Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)	Package	64-TQFP Exposed Pad
Number of Circuits Ratio - Input:Output 1:21  Differential - Input:Output Yes/Yes  Input HCSL, LVDS, LVHSTL, LVPECL Output HCSL Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount Package / Case Supplier Device Package 64-TQFP Exposed Pad Supplier Device Package	Series	-
Ratio - Input:Output  Differential - Input:Output  Yes/Yes  Input  HCSL, LVDS, LVHSTL, LVPECL  Output  HCSL  Frequency - Max  250MHz  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  64-TQFP Exposed Pad  Supplier Device Package	Туре	Fanout Buffer (Distribution)
Differential - Input:Output  Input  HCSL, LVDS, LVHSTL, LVPECL  Output  HCSL  Frequency - Max  250MHz  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  64-TQFP Exposed Pad  Supplier Device Package  64-TQFP-EP (10x10)	Number of Circuits	1
Input HCSL, LVDS, LVHSTL, LVPECL Output HCSL Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 64-TQFP Exposed Pad Supplier Device Package 64-TQFP-EP (10x10)	Ratio - Input:Output	1:21
Output HCSL Frequency - Max 250MHz  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad  Supplier Device Package 64-TQFP-EP (10x10)	Differential - Input:Output	Yes/Yes
Frequency - Max  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  64-TQFP Exposed Pad  Supplier Device Package  64-TQFP-EP (10x10)	Input	HCSL, LVDS, LVHSTL, LVPECL
Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  64-TQFP Exposed Pad  Supplier Device Package  64-TQFP-EP (10x10)	Output	HCSL
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case64-TQFP Exposed PadSupplier Device Package64-TQFP-EP (10x10)	Frequency - Max	250MHz
Mounting Type Surface Mount  Package / Case 64-TQFP Exposed Pad Supplier Device Package 64-TQFP-EP (10x10)	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case 64-TQFP Exposed Pad Supplier Device Package 64-TQFP-EP (10x10)	Operating Temperature	0°C ~ 70°C
Supplier Device Package 64-TQFP-EP (10x10)	Mounting Type	Surface Mount
	Package / Case	64-TQFP Exposed Pad
Report errors?	Supplier Device Package	64-TQFP-EP (10x10)
		Report errors?

#### 851021AYLF 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.

# 851021AYLF Payment Methods



















### **851021AYLF Shipping Methods**













If you have any question about 851021AYLF, please do not hesitate to contact us!

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