

# 843252AGLFT

## 843252AGLFT Information

Singer, helsener, cont	Part Number	843252AGLFT	
	Manufacturer	IDT, Integrated Device Technology Inc	E1259.E1
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	53.00 <del>1</del> 2 11:430 11
	Description	IC SYNTHESIZER LVPECL 16-TSSOP	
	Package	16-TSSOP (0.173", 4.40mm Width)	- 同学教育学校
For Reference Only		For the pricing/inventory/lead time, please contact 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.



# 843252AGLFT Specifications

SeriesFemtoClock?TypeFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputNo/YesFrequency - Max625MHzOutput3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountAuge / Case16-TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPrequency - Max0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Manufacturer Part Number	843252AGLFT	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:OutputNo/YesDifferential - Input:OutputNo/YesFrequency - Max625MHzOutput3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Manufacturer	IDT, Integrated Device Technology Inc	
Package16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzOutput3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package16-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)	
SeriesFemtoClock?TypeFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputNo/YesFrequency - Max625MHzOutput3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountAuge / Case16-TSSOP (0.173", 4.40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeFrequency SynthesizerPLLFrequency SynthesizerPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierSi.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Package	16-TSSOP (0.173", 4.40mm Width)	
PLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Series	FemtoClock?	
InputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Туре	Frequency Synthesizer	
OutputLVPECLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Input	Crystal	
Ratio - Input:Output1:2Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Output	LVPECL	
Differential - Input:OutputNo/YesFrequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Number of Circuits	1	
Frequency - Max625MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Ratio - Input:Output	1:2	
Divider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Differential - Input:Output	No/Yes	
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Frequency - Max	625MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Divider/Multiplier	Yes/No	
Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Voltage - Supply	3.135 V ~ 3.465 V	
Package / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$	
Supplier Device Package 16-TSSOP	Mounting Type	Surface Mount	
	Package / Case	16-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	16-TSSOP	
interport entropy.		Report errors?	

#### 843252AGLFT 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.

### 843252AGLFT Payment Methods



# 843252AGLFT Shipping Methods



If you have any question about 843252AGLFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com