

# 813001AGILFT

## **813001AGILFT Information**

		012001 A CH ET	
university con CCCCCCCCCC	Part Number	813001AGILFT	
	Manufacturer	IDT, Integrated Device Technology Inc	E 16 44 E
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC VCXO DUAL MULTIPLER 24-TSSOP	- 30 1 See
	Package	24-TSSOP (0.173", 4.40mm Width)	
For Reference Only		For the pricing/inventory/lead time, please contact us	EIP (CSO)
		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.



## **813001AGILFT Specifications**

Manufacturer Part Number 813001AGILFT   Manufacturer IDT, Integrated Device Technology Inc   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 24-TSSOP (0.173", 4.40mm Width)   Series FemtoClock?   Type Multiplexer, Voltage Controlled Crystal Oscillator (VCXO)   PLL Yes with Bypass   Input HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTL   Output LVPECL   Number of Circuits 1   Ratio - Input:Output Si 1   Differential - Input:Output Yes/Yes   Voltage - Supply Say 5 × - 3.465 V   Output Surface Mount   Divider/Multiplier Surface Mount   Voltage - Supply Surface Mount   Package / Case 24-TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage24-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeMultiplexer, Voltage Controlled Crystal Oscillator (VCXO)PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzVoltage - Supply2.375 V ~ 3.465 VOutput2.375 V ~ 3.465 VMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Manufacturer Part Number	813001AGILFT	
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage24-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeMultiplexer, Voltage Controlled Crystal Oscillator (VCXO)PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzOutput2.375 V ~ 3.465 VVoltage - Supply2.375 V ~ 3.465 VOperating Temperature4u°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Manufacturer	IDT, Integrated Device Technology Inc	
Package24-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeMultiplexer, Voltage Controlled Crystal Oscillator (VCXO)PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max6400HzOutput2.375 V ~ 3.465 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Category	Integrated Circuits (ICs)	
SeriesFemtoClock?TypeMultiplexer, Voltage Controlled Crystal Oscillator (VCXO)PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzVoltage - Supply2:375 V ~ 3:465 VOperating Temperature4:0°C ~ 85°CMounting TypeSurface MountPackage / Case2:4TSSOP (0:173", 4:40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TimeInitial fieldTypeMultiplexer, Voltage Controlled Crystal Oscillator (VCXO)PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Package	24-TSSOP (0.173", 4.40mm Width)	
PLLYes with BypassInputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Series	FemtoClock?	
InputHCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTLOutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Туре	Multiplexer, Voltage Controlled Crystal Oscillator (VCXO)	
OutputLVPECLNumber of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	PLL	Yes with Bypass	
Number of Circuits1Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package40°C	Input	HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTL, SSTL	
Ratio - Input:Output5:1Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package4-TSSOP	Output	LVPECL	
Differential - Input:OutputYes/YesFrequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Number of Circuits	1	
Frequency - Max640MHzDivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Ratio - Input:Output	5:1	
Divider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Differential - Input:Output	Yes/Yes	
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Frequency - Max	640MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Divider/Multiplier	Yes/Yes	
Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Voltage - Supply	2.375 V ~ 3.465 V	
Package / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 24-TSSOP	Mounting Type	Surface Mount	
	Package / Case	24-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	24-TSSOP	
		Report error	ors?

### **813001AGILFT 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.

## **813001AGILFT Payment Methods**



## 813001AGILFT Shipping Methods



If you have any question about 813001AGILFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com