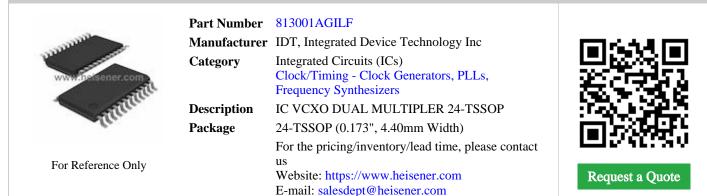


# 813001AGILF

#### **813001AGILF Information**



#### **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.



#### 813001AGILF Specifications

Manufacturer Part Number 813001 AGILF   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 VPECL   Number of Circuits 1   Ratio - Input:Output Si 1   Differential - Input:Output Si 400HIz   Voltage - Supply Say 5 × 3.465 V   Output Surface Mount   Prequency Case Surface Mount   Munufing Type Surface Mount   Package / Case Surface Mount   Package / Case Surface Mount		
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	813001AGILF
IndianaClock/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 Temperature40°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 VOutputSurface MountOutputSurface MountOutputSurface MountSurface MountSurface MountOutputSurface MountSupplier 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 - Max640MHzOutput2.375 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 - Max640MHzOivider/MultiplierYes/YesVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureSurface 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 Temperature40°C ~ 85°CMounting TypeSurface 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 - Max6400HzDivider/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 Package24-TSSOP	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 Package24-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 errors?

#### **813001AGILF** 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.

## **813001AGILF Payment Methods**



### 813001AGILF Shipping Methods



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