

# 840002AGLFT

### 840002AGLFT Information

	Part Number	840002AGLFT	
Sort heisener.com	Manufacturer	IDT, Integrated Device Technology Inc	E1259.E1
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC FREQ SYNTHESIZER 16-TSSOP	
	Package	16-TSSOP (0.173", 4.40mm Width)	
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.



# 840002AGLFT Specifications

Manufacturer Part Number 840002AGLFT   Manufacturer IDT, Integrated Device Technology Inc   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 16-TSSOP (0.173", 4.40mm Width)   Series FemtoClock?   Type Frequency Synthesizer   PLL Yes with Bypass   Input LVCMOS, LVTTL, Crystal   Output LVCMOS, LVTTL   Number of Circuits 1   Ratio - Input:Output No/No   Frequency - Max 26.67MHz   Oltgard Temperature 0°C ~ 70°C   Mounting Type Surface Mount   Package / Case 16-TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1/2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	840002AGLFT	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max226.67MHzDivider/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	Manufacturer	IDT, Integrated Device Technology Inc	
Package16-TSSOP (0.173", 4.40mm Width)SeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputNo/NoFrequency - Max226.67MHzVoltage - Supply3.135 V ~ 3.465 VOutputO°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Category	Integrated Circuits (ICs)	
SeriesFemtoClock?TypeFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputNo/NoFrequency - Max226.67MHzOutput3.135 V ~ 3.465 VOperating Temperature0°C ~ 7°CMounting TypeSurface MountAuge / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeFrequency SynthesizerPLLFrequency SynthesizerPLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/MultiplierYes/NoVoltage - Supply3.135 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)	
PLLYes with BypassInputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/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?	
InputLVCMOS, LVTTL, CrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Туре	Frequency Synthesizer	
OutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	PLL	Yes with Bypass	
Number of Circuits1Number of Circuits1:2Ratio - Input:OutputNo/NoDifferential - Input:Output226.67MHzFrequency - Max226.67MHzDivider/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	Input	LVCMOS, LVTTL, Crystal	
Ratio - Input:Output1:2Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package6-TSSOP	Output	LVCMOS, LVTTL	
Differential - Input:OutputNo/NoFrequency - Max226.67MHzDivider/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 - Max226.67MHzDivider/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/No	
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	226.67MHz	
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	$0^{\circ}$ C ~ $70^{\circ}$ 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	
		Report errors?	

#### 840002AGLFT 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# 840002AGLFT Payment Methods



## 840002AGLFT Shipping Methods



If you have any question about 840002AGLFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com