

# ICS680G-01LF

### **ICS680G-01LF Information**

www.consener.com addition	Part Number	ICS680G-01LF	
	Manufacturer	IDT, Integrated Device Technology Inc	EL 379, EL
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC SYNTHESIZER/ZD BUFFER 24TSSOP	10 Y 10 10 10
	Package	24-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**

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# **ICS680G-01LF Specifications**

Manufacturer Part NumberICS680G-01LFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Cock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage24-TSSOP (0.173", 4.40mm Width)Series-TypeClock/Frequency Synthesizer, Zero Delay BufferPLLClock, CrystalNumber of Circuits2Number of Circuits2Number of Circuits2Number of Circuits2Number of Circuits2Number of Circuits6.667MHzNumber of Circuits6.667MHzNumber of Circuits3.13 V ~ 3.46 VNotage - Supply3.13 V ~ 3.40 NNunting TypeSurface MountNunting Type2.4TSSOP (0.173", 4.40mm Width)Stack of Case2.4TSSOP (0.173", 4.40mm Width)Supplier Device Package2.4TSSOPNunting Type2.4TSSOP (0.173", 4.40mm Width)Supplier Device Package2.4TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage24-TSSOP (0.173", 4.40mm Width)Series-TypeClock/Frequency Synthesizer, Zero Delay BufferPLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max6.6.7MHzPortaing - Supply3.13 V ~ 3.46 VOutput0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Manufacturer Part Number	ICS680G-01LF	
IndextClock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage24-TSSOP (0.173", 4.40mm Width)Series-TypeClock/Frequency Synthesizer, Zero Delay BufferPLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzPortaing - Supply3.13 V ~ 3.46 VOutput0°C ~ 70°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)Series-TypeClock/Frequency Synthesizer, Zero Delay BufferPLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Category	Integrated Circuits (ICs)	
Series-TypeClock/Frequency Synthesizer, Zero Delay BufferPLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:Output6:6:7MHzFrequency - Max6:6:7MHzOlvider/MultiplierYes/NoVoltage - Supply0:13 V ~ 3.46 VOperating Temperature0:C ~ 70°CMounting Type2:4:TSSOP (0:173", 4:40mm Width)Supplier Device Package2:4:TSSOP		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock/Frequency Synthesizer, Zero Delay BufferPLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max6.6.67MHzVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Package	24-TSSOP (0.173", 4.40mm Width)	
PLLYesInputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzOivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Series	-	
InputClock, CrystalOutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Туре	Clock/Frequency Synthesizer, Zero Delay Buffer	
OutputCMOSNumber of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	PLL	Yes	
Number of Circuits2Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package4-TSSOP	Input	Clock, Crystal	
Ratio - Input:Output1:4Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package4-TSSOP	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Number of Circuits	2	
Frequency - Max66.67MHzDivider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Ratio - Input:Output	1:4	
Divider/MultiplierYes/NoVoltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Differential - Input:Output	No/No	
Voltage - Supply3.13 V ~ 3.46 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Frequency - Max	66.67MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Divider/Multiplier	Yes/No	
Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Voltage - Supply	3.13 V ~ 3.46 V	
Package / Case24-TSSOP (0.173", 4.40mm Width)Supplier Device Package24-TSSOP	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$	
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?	

#### **ICS680G-01LF 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 BUARANTEE

#### **Service Guarantees**

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

# **ICS680G-01LF Payment Methods**



# **ICS680G-01LF Shipping Methods**



If you have any question about ICS680G-01LF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com