

181MI-02LF

181MI-02LF Information

With prisener.com	Part Number Manufacturer Category	181MI-02LF IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	■
	Description Package	IC CLOCK GEN LOW EMI 8-SOIC 8-SOIC (0.154", 3.90mm Width)	
For Reference Only	9	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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181MI-02LF Specifications

Manufacturer Part Number 181MI-02LF Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICS) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Reakage Package 8-SOIC (0.154", 3.90mm Width) Series - Type Spread Spectrum Clock Generator PLL Synthesizers Input Clock, Crystal Output CMOS Number of Circuits 1 Ratio - Input:Output Isi Dirider/Multiplier No/No Voltage - Supply 3.135 V ~ 5.5 V Operating Temperature 4.90°C ~ 85°C Mounting Type Surface Mount Package / Case 8.50IC (0.154", 3.90mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOutputSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	181MI-02LF	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSeSOIC (0.154", 3.90mm Width)Suppler Device Package8-SOIC	Category	Integrated Circuits (ICs)	
Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputI.1Differential - Input:OutputNo/NoFrequency - Max48MHzOlvider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature40°C ~ 85°CMounting TypeSorG (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature4.0°C ~ 85°CMounting TypeSexOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-	
InputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating TemperatureSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Туре	Spread Spectrum Clock Generator	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Suppler Device Package8-SOIC	Input	Clock, Crystal	
Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max48MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:1	
Divider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No	
Voltage - Supply3.135 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	48MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	No/No	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3.135 V ~ 5.5 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	8-SOIC	
		Report errors?	

181MI-02LF 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.



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