

# ICS180M-51

### **ICS180M-51 Information**

	Part Number	ICS180M-51	
Weint Desener, com	Manufacturer	IDT, Integrated Device Technology Inc	in 1270. In
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	- 1992 - 2002 - 2
	Description	IC CLOCK GEN LOW EMI 8-SOIC	- 1-24-0 (C)
	Package	8-SOIC (0.154", 3.90mm Width)	in Vale
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.



## **ICS180M-51 Specifications**

Manufacturer Part Number ICS180M-51   Manufacturer IDT, Integrated Device Technology Inc   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 8-SOIC (0.154", 3.90mm Width)   Series -   Type Spread Spectrum Clock Generator   PLL Spread Spectrum Clock Generator   Putu Clock, Crystal   Output CMOS   Number of Circuits 1   Ratio - Input:Output No/No   Frequency - Max 28MHz   Output No/No   Voltage - Supply 3.135 V ~ 5.5 V   Operating Temperature 0°C ~ 70°C   Mounting Type Sufice Mount   Package / Case S-OIC (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 - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOutputOver ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	ICS180M-51	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°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 GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputI.1Differential - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSeriace MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputI.1Differential - Input:OutputNo/NoFrequency - Max28MHzOutputJ.135 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSuffice MountPackage / Case8-SOIC (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 - Max28MHzOlvider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSeNGIC (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 - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating TemperatureOrC ~ 70°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 - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Spread Spectrum Clock Generator	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Deckage8-SOIC	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input	Clock, Crystal	
Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max28MHzDivider/MultiplierNo/NoVoltage - Supply3.135 V ~ 5.5 VOperating Temperature0°C ~ 70°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 Temperature0°C ~ 70°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 Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	28MHz	
Operating Temperature0°C ~ 70°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	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$	
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?	

#### **ICS180M-51** 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 GUARANTEE

#### **Service Guarantees**

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

# ICS180M-51 Payment Methods



# **ICS180M-51 Shipping Methods**



If you have any question about ICS180M-51, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com