

# ICS7152M-02

### **ICS7152M-02 Information**

	Part Number	ICS7152M-02	
Numprisener.com Refer	Manufacturer	IDT, Integrated Device Technology Inc	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLOCK GENERATOR 8-SOIC	
	Package	8-SOIC (0.154", 3.90mm Width)	「同時の湯井好」
For Reference Only		For the pricing/inventory/lead time, please contact us	E1/SAME/2
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# **ICS7152M-02 Specifications**

Manufacturer Part NumberICS7152M-02ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICS)Cock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Widh)Series-TypeSpread Spectrum Clock GeneratorPLLSynthesizersPuptSolckOutputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputIs4MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOutputSurface MountMounting TypeSurface MountPackage / CaseSolC (0.154", 3.90mm Widh)Surge / CaseSolC (0.154", 3.90mm Midh)Surge / SupplySurface MountSurge / SupplySurface MountSurge / CaseSolC (0.154", 3.90mm Widh)Surge / CaseSolC (0.154", 3.90mm Widh) <th></th> <th></th>			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOutputO°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	ICS7152M-02	
InterfactClock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputI:1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeS-SOIC (0.154", 3.90mm Width)Package / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeSpread Spectrum Clock GeneratorPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max1.34MHzDivider/MultiplierNo/YesVoltage - Supply0°C ~ 70°CMounting TypeSoCI (0.154", 3.90mm Width)Papel Package8-SOIC (0.154", 3.90mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeSpread Spectrum Clock GeneratorPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max134MHzNo/YesVoltage - Supply3 V ~ 3.6 VOperating TemperatureO°C ~ 70°CMounting Type8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-	
InputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating TemperatureO°C ~ 70°CMounting TypeSaSIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Spread Spectrum Clock Generator	
Number of CircuitsCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Suppler Device Package8-SOIC	Input	Clock	
Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max134MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 3.6 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/YesVoltage - Supply3 V ~ 3.6 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 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	134MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	No/Yes	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3 V ~ 3.6 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$	
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?	

#### **ICS7152M-02** 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.

# ICS7152M-02 Payment Methods



# ICS7152M-02 Shipping Methods



If you have any question about ICS7152M-02, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com