

ICS4231M-03

ICS4231M-03 Information

	Part Number	ICS4231M-03	
www.thensener.com	Manufacturer	IDT, Integrated Device Technology Inc	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	- 1992 1992 1993 1993 1993 1993 1993 1993
	Description	IC CLOCK GENERATOR LOW EMI 8SOIC	In the second second
	Package	8-SOIC (0.154", 3.90mm Width)	「同うする法律
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

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ICS4231M-03 Specifications

Manufacturer Part NumberICS4231M-03ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICS)Cock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency Synthesizer Spread Spectrum Clock GeneratorPLLVesInputClock, CrystalOutputLOCMOSNumber of Circuits1Number of CircuitsNo/NoFrequency - Max3MHzDivider/MultiplierNo/NoVoltage - Supply4.5 v - 5.5 vNounting TypeSurG (0.154", 3.90mm Width)Package / CaseSoIC (0.154", 3.90mm Width)Surger CaseSoIC (0.154", 3.90mm Width)Package / CaseSurger CaseSurger CaseSoIC (0.154", 3.90mm Width)Surger CaseSoIC (0.154", 3.90m			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max33MHzOvltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	ICS4231M-03	
IndextClock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:OutputI:1Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSaGIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)Series-TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply0°C ~ 70°CMounting TypeSoIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)	
Series-TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max3.3MHzOutput4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSolC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max3.3MHzOlvider/Multiplier4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting Type8.SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYesInputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-	
InputClock, CrystalOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Clock/Frequency Synthesizer, Spread Spectrum Clock Generator	
OutputLVCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°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 - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 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 - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	LVCMOS	
Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 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 - Max33MHzDivider/MultiplierNo/NoVoltage - Supply4.5 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 - Supply4.5 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 - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	33MHz	
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	4.5 V ~ 5.5 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	0° C ~ 70° 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?	

ICS4231M-03 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 SUARANTEE

Service Guarantees

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

ICS4231M-03 Payment Methods



ICS4231M-03 Shipping Methods



If you have any question about ICS4231M-03, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com