

251PMLF

251PMLF Information

	Part Number	251PMLF	
WWW.Infisener.com	Manufacturer	IDT, Integrated Device Technology Inc	EI -770 EI
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK SYNTHESIZER FP SGL 8-SOIC	i ne tale
	Package	8-SOIC (0.154", 3.90mm Width)	- 同時記書校
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.



251PMLF Specifications

Manufacturer Part Number251PMLFManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLSeoSIC (0.154", 3.90mm Width)OutputClock, CrystalNumber of Circuits1Number of Circuits1Number of Circuits1Number of CircuitsNo/NoFrequency - Max200MHzOutputSeoSIC (0.154", 3.90mm Width)Voltage - Supply3.15 V ~ 3.45 VOutputSurface MountMunting TypeSurface MountPackage / CaseSoSIC (0.154", 3.90mm Width)Supplier Device PackageSoSIC (0.154", 3.90mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoPiferential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	251PMLF	
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputInflDifferential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputIn1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOutputSurface MountPrekage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)	
SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max200MHzOutput3.15 V ~ 3.45 VOutput Spectrum0°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, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max200MHzOutputSi.5 V ~ 3.45 VOperating TemperatureO°C ~ 70°CMounting TypeSaSIC (0.154", 3.90mm Width)Supplier Device PackageSeSOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	VersaClock?	
InputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoOutpate - Supply3.15 V ~ 3.45 VOperating TemperatureOrC ~ 70°CMounting TypeSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Clock/Frequency Synthesizer, Spread Spectrum Clock Generator	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 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 - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 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 - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:1	
Divider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No	
Voltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	200MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	Yes/No	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3.15 V ~ 3.45 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?	

251PMLF 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

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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