

## **251PMLFT**

### **251PMLFT Information**

	Manufacturer	251PMLFT IDT, Integrated Device Technology Inc Integrated Circuits (ICs)	<b>EISSE</b>
brief prisener.com	Category	Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK SYNTHESIZER FP SGL 8-SOIC	
	Package	8-SOIC (0.154", 3.90mm Width)	- 同業を共化
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.



## **251PMLFT Specifications**

Manufacturer Part Number 251PMLFT   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 VersaClock?   Type Clock/Frequency Synthesizer Spread Spectrum Clock Generator   PLL VersaClock?   Input Clock, Crystal   Output CMOS   Number of Circuits 1   Ratio - Input:Output No/No   Frequency - Max 200MHz   Output Ser/No   Voltage - Supply 3.15 V - 3.45 V   Operating Temperature SoliC (0.154", 3.90mm Width)   Package / Case SoliC (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/NoDifferential - Input:OutputNo/NoFrequency - Max200MHzOvlage - Supply3.15 V ~ 3.45 VOutput0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	251PMLFT	
IndextClock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputI:1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoVoltage - Supply3.15 V ~ 3.45 VOperating Temperature0°C ~ 70°CMounting TypeSeNIC (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)SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoOutput3.15 V ~ 3.45 VOutputO°C ~ 70°CMounting TypeSoIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)	
SeriesVersaClock?TypeClock/Frequency Synthesizer, Spread Spectrum Clock GeneratorPLLYesInputClock, CrystalOutputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputI.1Differential - Input:OutputNo/NoFrequency - Max200MHzOutputSis NoVoltage - 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	
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InputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/NoOutpate - Supply3.15 V ~ 3.45 VOperating TypeSurface 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	$0^{\circ}C \sim 70^{\circ}C$	
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?	

#### **251PMLFT 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.

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