

ICS270PGIT

ICS270PGIT Information

Jawww.helsener.com	Part Number Manufacturer Category	ICS270PGIT IDT, Integrated Device Technology Inc Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs,	
TUTTIT	Description Package	Frequency Synthesizers IC CLK TRP PLL PROG VCXO 20TSSOP 20-TSSOP (0.173", 4.40mm Width)	
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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ICS270PGIT Specifications

Manufacturer Part NumberICS270PGITManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICS)Cock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-TSSOP (0.173", 4.40mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLSeriesNumber of CircuitsCrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierSeriesVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountMounting TypeSurface MountPackage / CaseOutput3Mounting TypeSurface MountSupplier Device Package0.5SOP (0.173", 4.40mm Width)Supplier Device PackageSurface MountMounte Device PackageSurface MountMounte Device PackageSurface MountSupplier Device Pac	_		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-TSSOP (0.173", 4.40mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoPiferential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Manufacturer Part Number	ICS270PGIT	
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-TSSOP (0.173", 4.40mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Manufacturer	IDT, Integrated Device Technology Inc	
Package20-TSSOP (0.173", 4.40mm Width)SeriesVersaClock?TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputIs8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPrekage / Case0.7SSOP (0.173", 4.40mm Width)Supplier Device Package20.TSSOP	Category	Integrated Circuits (ICs)	
SeriesVersaClock?TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:Output18Differential - Input:OutputNo/NoFrequency - Max200MHzOutput3.135 V ~ 3.465 VVoltage - SupplySurface MountOperating TypeSurface MountMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock/Frequency Synthesizer, Fanout Buffer (Distribution)PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierSa.35 V ~ 3.465 VOutputSurface MountAgace / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Package	20-TSSOP (0.173", 4.40mm Width)	
PLLYes with BypassInputCrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Series	VersaClock?	
InputCrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating TemperatureSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Туре	Clock/Frequency Synthesizer, Fanout Buffer (Distribution)	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	PLL	Yes with Bypass	
Number of Circuits1Number of Circuits1.8Ratio - Input:OutputNo/NoDifferential - Input:Output200MHzFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Input	Crystal	
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package0-TSSOP	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Number of Circuits	1	
Frequency - Max200MHzDivider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Ratio - Input:Output	1:8	
Divider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Differential - Input:Output	No/No	
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Frequency - Max	200MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Divider/Multiplier	Yes/Yes	
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Voltage - Supply	3.135 V ~ 3.465 V	
Package / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	
Supplier Device Package 20-TSSOP	Mounting Type	Surface Mount	
	Package / Case	20-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	20-TSSOP	
		Report errors?	

ICS270PGIT 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 ELARANTEE

Service Guarantees

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

If you have any question about ICS270PGIT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com