

ICS291PGIT

ICS291PGIT Information

	Part Number	ICS291PGIT	
Junww.helsener.com	Manufacturer	IDT, Integrated Device Technology Inc	(E) 2 50 (E)
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK SYNTH TRPL PLL 20-TSSOP	
	Package	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

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.



ICS291PGIT Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-TSSOP (0.173", 4.40mm Width)SeriesVersaClock?TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:6Differential - Input:OutputNo/NoFrequency - Max00MHzOutpater Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case0.7SSOP (0.173", 4.40mm Width)	_		
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Series VersaClock? Type Clock/Frequency Synthesizer PLL Yes with Bypass Input Clock, Crystal Output CMOS Number of Circuits 1 Ratio - Input:Output 16 Differential - Input:Output No/No Frequency - Max 200MHz Divider/Multiplier Yes/Yes Voltage - Supply 3.135 V ~ 3.465 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock/Frequency SynthesizerPLLYes with BypassInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:6Differential - 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)	Package	20-TSSOP (0.173", 4.40mm Width)	
PLLYes with BypassInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:6Differential - 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)	Series	VersaClock?	
InputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:6Differential - 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)	Туре	Clock/Frequency Synthesizer	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:6Differential - 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)	PLL	Yes with Bypass	
Number of Circuits1Ratio - Input:Output1:6Differential - 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)	Input	Clock, Crystal	
Ratio - Input:Output1:6Differential - 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)	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)	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)	Ratio - Input:Output	1:6	
Divider/MultiplierYes/YesVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)	Differential - Input:Output	No/No	
Voltage - Supply $3.135 V \sim 3.465 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case 20 -TSSOP (0.173", 4.40mm Width)	Frequency - Max	200MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)	Divider/Multiplier	Yes/Yes	
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width)	Voltage - Supply	3.135 V ~ 3.465 V	
Package / Case20-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C	
	Mounting Type	Surface Mount	
Supplier Davies Deckage 20 TSSOD	Package / Case	20-TSSOP (0.173", 4.40mm Width)	
Supplier Device Fackage 20-1550F	Supplier Device Package	20-TSSOP	
Report errors?		Report errors?	

ICS291PGIT 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.

ICS291PGIT Payment Methods



ICS291PGIT Shipping Methods



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