

9FGV1001BQ505LTGI

9FGV1001BQ505LTGI Information

Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs)	: 1
Category Integrated Circuits (ICs)	
Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
Description 9FGV1001 W/INT 50M XTAL	24
Package 16-TFLGA Exposed Pad	火火
For Reference Only For Reference Only Request a Website: https://www.heisener.com	

E-mail: salesdept@heisener.com

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9FGV1001BQ505LTGI Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TFLGA Exposed PadSeriesPhiClockTMTypeClock GeneratorPLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeGeneratorPackage / Case16-TFLGA Exposed Pad		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TFLGA Exposed PadSeriesPhiClockTMTypeClock GeneratorPLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Manufacturer Part Number	9FGV1001BQ505LTGI
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TFLGA Exposed PadSeriesPhiClockTMTypeClock GeneratorPLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Manufacturer	IDT, Integrated Device Technology Inc
Package16-TFLGA Exposed PadSeriesPhiClock™TypeClock GeneratorPLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:OutputNo/YesDifferential - Input:OutputNo/YesSerquency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Category	Integrated Circuits (ICs)
Series PhiClock TM Type Clock Generator PLL Yes Input HCSL, LVCMOS, LVDS, Crystal Output HCSL, LVCMOS, LVDS, LVPECL Number of Circuits 1 Ratio - Input:Output 14 Differential - Input:Output No/Yes Frequency - Max 325MHz Divider/Multiplier No/No Voltage - Supply 1.71 V ~ 3.465 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-TFLGA Exposed Pad		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeClock GeneratorPLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-FFLGA Exposed Pad	Package	16-TFLGA Exposed Pad
PLLYesInputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Series	PhiClock TM
InputHCSL, LVCMOS, LVDS, CrystalOutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Туре	Clock Generator
OutputHCSL, LVCMOS, LVDS, LVPECLNumber of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	PLL	Yes
Number of Circuits1Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Input	HCSL, LVCMOS, LVDS, Crystal
Ratio - Input:Output1:4Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Output	HCSL, LVCMOS, LVDS, LVPECL
Differential - Input:OutputNo/YesFrequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Number of Circuits	1
Frequency - Max325MHzDivider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Ratio - Input:Output	1:4
Divider/MultiplierNo/NoVoltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Differential - Input:Output	No/Yes
Voltage - Supply1.71 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Frequency - Max	325MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TFLGA Exposed Pad	Divider/Multiplier	No/No
Mounting Type Surface Mount Package / Case 16-TFLGA Exposed Pad	Voltage - Supply	1.71 V ~ 3.465 V
Package / Case 16-TFLGA Exposed Pad	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package16-LGA (3x3)	Package / Case	16-TFLGA Exposed Pad
	Supplier Device Package	16-LGA (3x3)
Report errors?		Report errors?

9FGV1001BQ505LTGI 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 Guarantees

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

9FGV1001BQ505LTGI Payment Methods





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