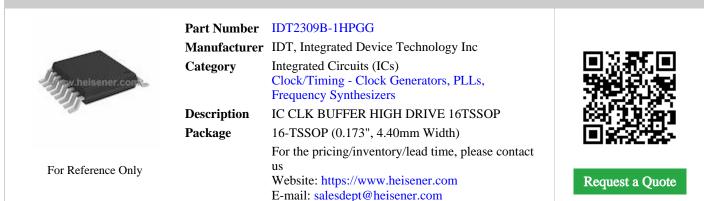


IDT2309B-1HPGG

IDT2309B-1HPGG Information



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.



IDT2309B-1HPGG Specifications

ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max3 V ~ 3.6 VOutpart of Supply3 V ~ 3.6 VOutpart Temperature0°C ~ 70°CMounting Type16-TSSOP (0.173", 4.40mm Width)		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	IDT2309B-1HPGG
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting Type16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Manufacturer	IDT, Integrated Device Technology Inc
Package16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLOutput1Number of Circuits1Ratio - Input:Output19Differential - Input:OutputNo/NoFrequency - Max33MHzDivider/Multiplier0°C ~ 70°CVoltage - SupplySurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Category	Integrated Circuits (ICs)
Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLOutput1Number of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeZero Delay BufferTypeYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max1.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating TemperatureOrC ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Package	16-TSSOP (0.173", 4.40mm Width)
PLLYes with BypassInputLVTTLOutputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Series	-
InputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Туре	Zero Delay Buffer
AutomaticalEVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Input	LVTTL
Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Output	LVTTL
Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Number of Circuits	1
Frequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Ratio - Input:Output	1:9
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Differential - Input:Output	No/No
Voltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Frequency - Max	133MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Divider/Multiplier	No/No
Mounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Voltage - Supply	3 V ~ 3.6 V
Package / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Operating Temperature	0° C ~ 70° C
Supplier Device Package 16-TSSOP	Mounting Type	Surface Mount
	Package / Case	16-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	16-TSSOP
		Report errors?

IDT2309B-1HPGG 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 BUARANTEE

Service Guarantees

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

IDT2309B-1HPGG Payment Methods



IDT2309B-1HPGG Shipping Methods



If you have any question about IDT2309B-1HPGG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com