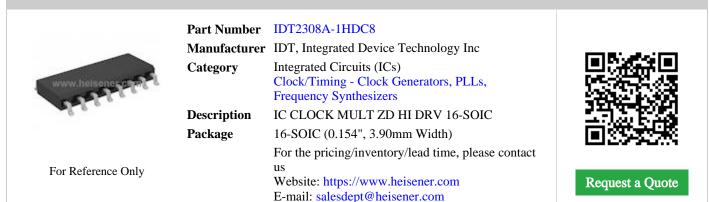


IDT2308A-1HDC8

IDT2308A-1HDC8 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.



IDT2308A-1HDC8 Specifications

Manufacturer Part Number IDT2308A-1HDC8 Manufacturer IDT, Integrated Device Technology Inc Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 16-SOIC (0.154", 3.90mm Width) Series - Type Multiplier, Zero Delay Buffer PLL Yes with Bypass Input LVTTL Output LVTTL Number of Circuits 1 Ratio - Input:Output No/No Frequency - Max 133.3MHz Divider/Multiplier No/No Voltage - Supply Surface Mount Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max13.3.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeInf-SOIC (0.154", 3.90mm Width)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	IDT2308A-1HDC8
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max13.3.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting Type16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	IDT, Integrated Device Technology Inc
Package16-SOIC (0.154", 3.90mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output18Differential - Input:OutputNo/NoFrequency - Max13.3 MHzNolvoStar Sol Sol SolOutput0°C ~ 70°CMounting Type06 SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max3.3.3MHzDivider/MultiplierSV ~ 3.6 VOperating Temperature0°C ~ 70°CMounting Type16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Package	16-SOIC (0.154", 3.90mm Width)
PLLYes with BypassInputLVTTLOutputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Series	-
InputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Туре	Multiplier, Zero Delay Buffer
InterformOutputLVTTLNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input	LVTTL
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Output	LVTTL
Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Circuits	1
Frequency - Max133.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Ratio - Input:Output	1:8
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Differential - Input:Output	No/No
Voltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Frequency - Max	133.3MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Divider/Multiplier	No/No
Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Supply	3 V ~ 3.6 V
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Operating Temperature	0° C ~ 70° C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

IDT2308A-1HDC8 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.

IDT2308A-1HDC8 Payment Methods



IDT2308A-1HDC8 Shipping Methods



If you have any question about IDT2308A-1HDC8, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com