

# 2308-2HPGGI

### 2308-2HPGGI Information

Juny helsener.com	Part Number	2308-2HPGGI	
	Manufacturer	IDT, Integrated Device Technology Inc	EI 259 EI
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLK MLTPLR ZDB 1:8 16TSSOP	
	Package	16-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.



# 2308-2HPGGI Specifications

Manufacturer Part Number2308-2HPGGIManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICS)Cock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackageIoTSSOP (0.173", 4.40mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputI.VTTLNumber of CircuitsIRatio - Input:OutputI.SDifferential - Input:OutputNo/NoFrequency - MaxI3.3.MHzOltage - SupplySur 3.6 VOutputg TypeSur 3.6 VMunufing TypeSur 3.6 SOP (0.173", 4.40mm Width)Package / CaseI.GTSSOP (0.173", 4.40mm Width)Supplier Device PackageI.GTSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max13.3.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOutputSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Package / Case16-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	2308-2HPGGI	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max13.3.MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Manufacturer	IDT, Integrated Device Technology Inc	
Package16-TSSOP (0.173", 4.40mm Width)Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Category	Integrated Circuits (ICs)	
Series-TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output18Differential - Input:OutputNo/NoFrequency - Max13.3 MHzOlvider/MultiplierYes/YesVoltage - Supply3V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting Type16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeMultiplier, Zero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max13.3.MHzDivider/MultiplierSv > 3.6 VOperating Temperature-40°C ~ 85°CMounting Type16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Package	16-TSSOP (0.173", 4.40mm Width)	
PLLYes with BypassInputLVTLLOutputLVTLCNumber of Circuits1Ratio - Input: Output18Differential - Input: OutputNo/NoFrequency - Max13.3.MHzOvider/MultiplierYes/YesVoltage - Supply3V ~ 3.6 VOperating TypeSurface MountAdvec ~ 85°CSurface MountPackage / Case16.TSSOP(0.173", 4.40mm Width)Supplier Device Package16.TSSOP	Series	-	
InputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)InstructionInterstop <td< td=""><td>Туре</td><td>Multiplier, Zero Delay Buffer</td></td<>	Туре	Multiplier, Zero Delay Buffer	
Number of CircuitsLVTTLNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting Type16-TSSOP (0.173", 4.40mm Width)Package / Case16-TSSOP	PLL	Yes with Bypass	
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)	Input	LVTTL	
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Output	LVTTL	
Differential - Input:OutputNo/NoFrequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Number of Circuits	1	
Frequency - Max133.3MHzDivider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Ratio - Input:Output	1:8	
Divider/MultiplierYes/YesVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°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 Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Frequency - Max	133.3MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width)Supplier Device Package16-TSSOP	Divider/Multiplier	Yes/Yes	
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	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	
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?	

#### 2308-2HPGGI 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.

# 2308-2HPGGI Payment Methods



# 2308-2HPGGI Shipping Methods



If you have any question about 2308-2HPGGI, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com