

# CY2XP311ZXC

## **CY2XP311ZXC** Information

www.heisener.com	Part Number	CY2XP311ZXC	
	Manufacturer	Cypress Semiconductor Corp	EE 270 EE
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLOCK GEN PLL LVPECL 8TSSOP	122.00
	Package	8-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.



## CY2XP311ZXC Specifications

Manufacturer Part Number CY2XP311ZXC   Manufacturer Cypress Semiconductor Corp   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 8-TSSOP (0.173", 4.40mm Width)   Series -   Type Clock Generators, PLLs, Frequency Synthesizers   PLL Clock Generator   PLL Yes   Input Crystal   Output LVPECL   Number of Circuits 1   Ratio - Input:Output No/Yes   Frequency - Max 312.5MHz   Nofes SinsoP (0.173", 4.40mm Width)   Output SinsoP (0.173", 4.40mm Width)   Voltage - Supply SinsoP (0.173", 4.40mm Width)   Number of Circuits SinsoP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage&-TSSOP (0.173", 4.40mm Width)Series-TypeClock GeneratorPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case&-TSSOP (0.173", 4.40mm Width)Supplier Device Package&-TSSOP	Manufacturer Part Number	CY2XP311ZXC	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage&-TSSOP (0.173", 4.40mm Width)Series-TypeClock GeneratorPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:OutputNo/YesDifferential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply0°C ~ 70°CMounting TypeSurface MountPackage / Case&-TSSOP (0.173", 4.40mm Width)Supplier Device Package&-TSSOP	Manufacturer	Cypress Semiconductor Corp	
Package8-TSSOP (0.173", 4.40mm Width)Series-TypeClock GeneratorTypeClock GeneratorPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzNoiley - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeClock GeneratorPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/YesFrequency - Max312.5MHzOutputSaySo VOutput0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock GeneratorPLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)	Package	8-TSSOP (0.173", 4.40mm Width)	
PLLYesInputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Series	-	
InputCrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)	Туре	Clock Generator	
OutputLVPECLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Input	Crystal	
Ratio - Input:Output1:1Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Output	LVPECL	
Differential - Input:OutputNo/YesFrequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Number of Circuits	1	
Frequency - Max312.5MHzDivider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Ratio - Input:Output	1:1	
Divider/MultiplierYes/NoVoltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Differential - Input:Output	No/Yes	
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Frequency - Max	312.5MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Divider/Multiplier	Yes/No	
Mounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Voltage - Supply	2.375 V ~ 3.465 V	
Package / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	
Supplier Device Package 8-TSSOP	Mounting Type	Surface Mount	
	Package / Case	8-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	8-TSSOP	
		Report errors?	

### **CY2XP311ZXC** 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.

### CY2XP311ZXC Payment Methods



## CY2XP311ZXC Shipping Methods



If you have any question about CY2XP311ZXC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com