

590AA-CDG Information



Part Number 590AA-CDG **Manufacturer** Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V EN/DS 50PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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Certified Quality

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590AA-CDG Specifications

Manufacturer Part Number 590AA-CDG Manufacturer Silicon Labs Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si590 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability (Total) ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)		
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Series Si590 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)		Programmable Oscillators
TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range215MHz ~ 524.999MHzFunctionEnable/DisableOutputLVPECLVoltage - Supply3.3VFrequency Stability±50ppmFrequency Stability (Total)±100ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)125mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.071" (1.80mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height Dimension 1.25mm Dim	Series	Si590
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Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0071" (1.80mm)	Programmable Type	Programmed as Request
Output LVPECL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0071" (1.80mm)	Available Frequency Range	215MHz ~ 524.999MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.071" (1.80mm) 3.3V 3.3V 3.3V 3.3V 5.3V 5.00 Author Supply 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 6.0	Function	Enable/Disable
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Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 125mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Frequency Stability	±50ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Frequency Stability (Total)	±100ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Current - Supply (Max)	125mA
Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Mounting Type	Surface Mount
Height 0.071" (1.80mm)	Package / Case	6-SMD, No Lead
-	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.071" (1.80mm)
		Report errors?

590AA-CDG 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.

590AA-CDG Payment Methods





















590AA-CDG Shipping Methods













If you have any question about 590AA-CDG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com