



590AC-DDG Information



Part Number 590AC-DDG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V EN/DS 20PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

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





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.









590AC-DDG Specifications

Manufacturer Part Number 590AC-DDG 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 525MHz ~ 810MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm 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 525MHz ~ 810MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm 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
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Programmable Type Programmed as Request Available Frequency Range 525MHz ~ 810MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm 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 0.00000000000000000000000000000000000	Series	Si590
Available Frequency Range Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) Derating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	XO (Standard)
Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm 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 Type	Programmed as Request
Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm 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	525MHz ~ 810MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V 3.3V \$20ppm 40°C ~ 85°C \$5°C \$5°C	Function	Enable/Disable
Frequency Stability (Total) ±30ppm 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)	Output	LVPECL
Frequency Stability (Total) ±30ppm 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)	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C 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	±20ppm
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)	±30ppm
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?

590AC-DDG 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.

590AC-DDG Payment Methods



















590AC-DDG Shipping Methods













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

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