



591RD-CDG Information



For Reference Only

Part Number 591RD-CDG **Manufacturer** Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 2.5V EN/DS 7PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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591RD-CDG Specifications

Manufacturer Part Number 591RD-CDG Manufacturer Silicon Labs Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply ±7ppm Frequency Stability ±7ppm Frequency Stability (Total) ±20ppm 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)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability (Total) ±20ppm Frequency Stability (Total) ±20ppm 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)	Manufacturer Part Number	591RD-CDG
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Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability ±7ppm Frequency Stability (Total) ±20ppm 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 215MHz ~ 524.999MHz Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability ±7ppm Frequency Stability (Total) ±20ppm 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	Si591
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Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability ±7ppm Frequency Stability (Total) ±20ppm 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	Programmable Type	Programmed as Request
Output LVPECL Voltage - Supply 2.5V Frequency Stability ±7ppm Frequency Stability (Total) ±20ppm 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) Departing Temperature Spread Spectrum Bandwidth Current - Supply (Max) Ratings Mounting Type Surface Mount Package / Case Size / Dimension Height 2.5V 2.5V 2.5V 2.5V 2.5V 2.5V 2.70 \$\text{20pm}\$ \$\text{20pm}\$ -40°C ~ 85°C \$\text{85°C}\$ - Surface Mount - Surface Mount 0.276" L x 0.197" W (7.00mm x 5.00mm) 0.071" (1.80mm)	Function	Enable/Disable
Frequency Stability Frequency Stability (Total) Deprating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.071" (1.80mm) +20ppm -40°C ~ 85°C -	Output	LVPECL
Frequency Stability (Total) ±20ppm 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	2.5V
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	±7ppm
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)	±20ppm
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 TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.071" (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?

591RD-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.

591RD-CDG Payment Methods





















591RD-CDG Shipping Methods













If you have any question about 591RD-CDG, please do not hesitate to contact us!

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