

591AA-ADG Information



For Reference Only

Part Number 591AA-ADG **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

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



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Certified Quality

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591AA-ADG Specifications

Manufacturer Part Number 591AA-ADG 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 10MHz ~ 124.999MHz Function Enable/Disable Output LVPECL Voltage - Supply ±50ppm 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)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 124.999MHz Function Enable/Disable Output LVPECL Voltage - Supply ±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)	Manufacturer Part Number	591AA-ADG
Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 124.999MHz 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)	Manufacturer	Silicon Labs
Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 124.999MHz 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)	Category	Crystals, Oscillators, Resonators
Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 124.999MHz 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 Range10MHz ~ 124.999MHzFunctionEnable/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 10MHz ~ 124.999MHz 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 0.00000000000000000000000000000000000	Series	Si591
Available Frequency Range Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.0276" 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 ±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
OutputLVPECLVoltage - 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)	Available Frequency Range	10MHz ~ 124.999MHz
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 3.3V 450 Supply 500 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$10	Function	Enable/Disable
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)	Output	LVPECL
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)	Voltage - Supply	3.3V
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?

591AA-ADG 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.

591AA-ADG Payment Methods



















591AA-ADG Shipping Methods













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

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