



511SAB-CAAG Information



For Reference Only

Part Number 511SAB-CAAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG CMOS 1.8V 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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511SAB-CAAG Specifications

Manufacturer Part Number 511SAB-CAAG Manufacturer Silicon Labs Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si511 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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 Si511 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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 Range170MHz ~ 212.5MHzFunctionEnable/DisableOutputCMOS, Dual (Complimentary)Voltage - Supply1.8VFrequency Stability±50ppmFrequency Stability (Total)±100ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)26mARatings-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 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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 170MHz 212.5MHz 212.5MHz	Series	Si511
Available Frequency Range Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 1.8V 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 6-SMD, No Lead Size / Dimension 0.071" (1.80mm)	Type	XO (Standard)
Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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 CMOS, Dual (Complimentary) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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	170MHz ~ 212.5MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 1.8V ±100ppm -40°C ~ 85°C -40°C ~ 85°C - SomA - Supply (Max) Sufface Mount - Surface Mount - Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Function	Enable/Disable
Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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	CMOS, Dual (Complimentary)
Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA 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)	Voltage - Supply	1.8V
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	±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)	26mA
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?

511SAB-CAAG 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.

511SAB-CAAG Payment Methods





















511SAB-CAAG Shipping Methods













If you have any question about 511SAB-CAAG, please do not hesitate to contact us!

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