



### 511NCA-AAAG Information



For Reference Only

Part Number 511NCA-AAAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG CMOS 3.3V EN/DS 20PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

### **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.









## **511NCA-AAAG Specifications**

ManufacturerSilicon LabsCategoryCrystals, Oscillators, ResonatorsPackage6-SMD, No LeadSeriesSi511TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range100kHz ~ 124.999MHzFunctionEnable/DisableOutputCMOS, Dual (Complimentary)Voltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)±30ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)26mARatings-		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series Si511 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 100kHz ~ 124.999MHz Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 3.3V Frequency Stability Frequency Stability Frequency Stability ±20ppm Frequency Stability (Total) Deprating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Crystals, Oscillators, Resonators Programmable Oscillators Assonates Signal	Manufacturer Part Number	511NCA-AAAG
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SeriesSi511TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range100kHz ~ 124.999MHzFunctionEnable/DisableOutputCMOS, Dual (Complimentary)Voltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)±30ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)26mARatings-		Programmable Oscillators
Type XO (Standard)  Programmable Type Programmed as Request  Available Frequency Range 100kHz ~ 124.999MHz  Function Enable/Disable  Output CMOS, Dual (Complimentary)  Voltage - Supply 3.3V  Frequency Stability + ±20ppm  Frequency Stability (Total) ±30ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max)  Ratings - Company -	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 100kHz ~ 124.999MHz  Function Enable/Disable  Output CMOS, Dual (Complimentary)  Voltage - Supply 3.3V  Frequency Stability ±20ppm  Frequency Stability (Total) ±30ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings - 100kHz ~ 124.999MHz  Enable/Disable  CMOS, Dual (Complimentary)  3.3V  -40°C ~ 85°C	Series	Si511
Available Frequency Range 100kHz ~ 124.999MHz  Function Enable/Disable  Output CMOS, Dual (Complimentary)  Voltage - Supply 3.3V  Frequency Stability +20ppm  Frequency Stability (Total) ±30ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -	Туре	XO (Standard)
Function Enable/Disable Output CMOS, Dual (Complimentary) Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA Ratings -	Programmable Type	Programmed as Request
Output CMOS, Dual (Complimentary)  Voltage - Supply 3.3V  Frequency Stability ±20ppm  Frequency Stability (Total) ±30ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -	Available Frequency Range	100kHz ~ 124.999MHz
Voltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)±30ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)26mARatings-	Function	Enable/Disable
Frequency Stability (Total) ±30ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -	Output	CMOS, Dual (Complimentary)
Frequency Stability (Total) $\pm 30$ ppm  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth -  Current - Supply (Max) $26\text{mA}$ Ratings -	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -	Frequency Stability	±20ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 26mA Ratings -	Frequency Stability (Total)	±30ppm
Current - Supply (Max) 26mA Ratings -	Operating Temperature	-40°C ~ 85°C
Ratings -	Spread Spectrum Bandwidth	-
	Current - Supply (Max)	26mA
Mounting Type Surface Mount	Ratings	-
• • •	Mounting Type	Surface Mount
Package / Case 6-SMD, No Lead	Package / Case	6-SMD, No Lead
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Height 0.071" (1.80mm)	Height	0.071" (1.80mm)
Report errors?		Report errors?

#### **511NCA-AAAG 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.

# 511NCA-AAAG Payment Methods



















## 511NCA-AAAG Shipping Methods













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

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