



### **510NCB-CBAG Information**



For Reference Only

Part Number 510NCB-CBAG 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



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# **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.









### **510NCB-CBAG Specifications**

Manufacturer Part Number         \$10NCB-CBAG           Manufacturer         Silicon Labs           Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si510           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         170MHz ~ 212.5MHz           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         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.197" L x 0.126" W (5.00mm x 3.20mm)           Height         0.050" (1.28mm)		
Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si510           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         170MHz ~ 212.5MHz           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         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.197" L x 0.126" W (5.00mm x 3.20mm)           Height         0.050" (1.28mm)	Manufacturer Part Number	510NCB-CBAG
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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 - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.050" (1.28mm)	Available Frequency Range	170MHz ~ 212.5MHz
Voltage - Supply Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  O.050" (1.28mm)  3.3V  3.3V  3.3V  3.3V  \$20ppm  -40°C ~ 85°C  Spread Spectrum Sandwidth  -  Current - Supply (Max)  -  Surface Mount  0.197" L x 0.126" W (5.00mm x 3.20mm)  0.050" (1.28mm)	Function	Enable/Disable
Frequency Stability (Total) ±30ppm  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 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.050" (1.28mm)	Output	CMOS, Dual (Complimentary)
Frequency Stability (Total) ±30ppm  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 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.050" (1.28mm)	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 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.050" (1.28mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.050" (1.28mm)	Frequency Stability (Total)	±30ppm
Current - Supply (Max)       26mA         Ratings       -         Mounting Type       Surface Mount         Package / Case       6-SMD, No Lead         Size / Dimension       0.197" L x 0.126" W (5.00mm x 3.20mm)         Height       0.050" (1.28mm)	Operating Temperature	-40°C ~ 85°C
Ratings Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Spread Spectrum Bandwidth	-
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Height 0.050" (1.28mm)	Package / Case	6-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.050" (1.28mm)
		Report errors?

#### **510NCB-CBAG 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.

## 510NCB-CBAG Payment Methods



















### 510NCB-CBAG Shipping Methods













If you have any question about 510NCB-CBAG, please do not hesitate to contact us!

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