



### 510MCA-CBAG Information



For Reference Only

Part Number 510MCA-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.









# **510MCA-CBAG Specifications**

Crystals, Oscillators, Resonators  Programmable Oscillators  Package 6-SMD, No Lead  Series Si510 Type XO (Standard) Programmed as Request Available Frequency Range 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (In-Phase) Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) Digrating Temperature 440°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead		
Category Crystals, Oscillators, Resonators Programmable Oscillators 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 (In-Phase) 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	Manufacturer Part Number	510MCA-CBAG
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 (In-Phase) 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	Manufacturer	Silicon Labs
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 (In-Phase)  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	Category	Crystals, Oscillators, Resonators
Series Si510  Type XO (Standard)  Programmable Type Programmed as Request  Available Frequency Range 170MHz ~ 212.5MHz  Function Enable/Disable  Output CMOS, Dual (In-Phase)  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		Programmable Oscillators
Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (In-Phase) 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	Package	6-SMD, No Lead
Programmable Type Available Frequency Range 170MHz ~ 212.5MHz Function Enable/Disable Output CMOS, Dual (In-Phase) Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total)  Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case  Programmed as Request 170MHz ~ 212.5MHz Enable/Disable  2MOS, Dual (In-Phase) 3.3V  -40°C ~ 85°C  -40°C ~ 85°C  Spread Spectrum Bandwidth	Series	Si510
Available Frequency Range Function Enable/Disable Output CMOS, Dual (In-Phase) Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Package / Case  170MHz ~ 212.5MHz Enable/Disable CMOS, Dual (In-Phase) 3.3V  ±20ppm  ±30ppm -40°C ~ 85°C  Spread Spectrum Bandwidth - Surface Mount  - Surface Mount 6-SMD, No Lead	Type	XO (Standard)
Function Enable/Disable Output CMOS, Dual (In-Phase) 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	Programmable Type	Programmed as Request
Output CMOS, Dual (In-Phase)  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	Available Frequency Range	170MHz ~ 212.5MHz
Voltage - Supply  3.3V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  3.3V  3.3V  3.3V  20ppm  -40°C ~ 85°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  -  Supply (Max)  6-SMD, No Lead	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	Output	CMOS, Dual (In-Phase)
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	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead	Frequency Stability	±20ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 26mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead	Frequency Stability (Total)	±30ppm
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead	Current - Supply (Max)	26mA
Package / Case 6-SMD, No Lead	Ratings	-
	Mounting Type	Surface Mount
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	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)	Height	0.050" (1.28mm)
Report errors?		Report errors?

### **510MCA-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.

### 510MCA-CBAG Payment Methods





















## **510MCA-CBAG Shipping Methods**













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

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