



### **511MBA-CAAG Information**



For Reference Only

Part Number 511MBA-CAAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

**Description** OSC PROG CMOS 3.3V EN/DS 25PPM

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.









## **511MBA-CAAG Specifications**

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 (In-Phase)           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           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         0.276" L x 0.197" W (7.00mm x 5.00mm)		
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 (In-Phase)           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           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         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.071" (1.80mm)	Manufacturer Part Number	511MBA-CAAG
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Function Enable/Disable Output CMOS, Dual (In-Phase) 3.3V Frequency Stability ±25ppm 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 0.071" (1.80mm)	Programmable Type	Programmed as Request
Output CMOS, Dual (In-Phase)  Voltage - Supply 3.3V  Frequency Stability ±25ppm  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 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	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  Height  3.3V  3.3V  ±25ppm  -40°C ~ 85°C  SPREAD  -40°C ~ 85°C   SUPPLIE - Supply (Max)   Surface Mount   0.276" L x 0.197" W (7.00mm x 5.00mm)  0.071" (1.80mm)	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 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Output	CMOS, Dual (In-Phase)
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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)	Frequency Stability	±25ppm
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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?

#### **511MBA-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.

## 511MBA-CAAG Payment Methods



















### **511MBA-CAAG Shipping Methods**













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

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