



### **502NCF-ABAG Information**



For Reference Only

Part Number 502NCF-ABAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 1.7V-3.6V EN/DS

Package 4-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.









## **502NCF-ABAG Specifications**

Manufacturer Part Number         \$02NCF-ABAG           Manufacturer         Silicon Labs           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         CMEMS? Si502           Type         CMEMS?           Programmable Type         Programmed as Request           Available Frequency Range         32kHz ~ 100MHz           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         1.7 V ~ 3.6 V           Frequency Stability         -           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         8.9mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.157" L x 0.126" W (4.00mm x 3.20mm)           Height         0.035" (0.90mm)		
Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series CMEMS? Si502 Type CMEMS? Programmable Type Programmed as Request Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Manufacturer Part Number	502NCF-ABAG
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SeriesCMEMS? Si502TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±20ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.157" L x 0.126" W (4.00mm x 3.20mm)		Programmable Oscillators
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Programmable Type Programmed as Request  Available Frequency Range 32kHz ~ 100MHz  Function Enable/Disable  Output LVCMOS  Voltage - Supply 1.7 V ~ 3.6 V  Frequency Stability  Frequency Stability (Total) ±20ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Series	CMEMS? Si502
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Function Enable/Disable  Output LVCMOS  Voltage - Supply 1.7 V ~ 3.6 V  Frequency Stability + 20ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - + Current - Supply (Max) 8.9mA  Ratings - Surface Mount  Package / Case Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±20ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.157" L x 0.126" W (4.00mm x 3.20mm)	Available Frequency Range	32kHz ~ 100MHz
Voltage - Supply  1.7 V ~ 3.6 V  Frequency Stability  - Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  1.7 V ~ 3.6 V  8.9 W  -  4.0 C ~ 85°C  Surface Mount  8.9 M  8.9 M  8.9 M  8.9 M  9.0 Lead  9.157" L x 0.126" W (4.00 mm x 3.20 mm)	Function	Enable/Disable
Frequency Stability (Total) ±20ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Output	LVCMOS
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Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Frequency Stability (Total)	±20ppm
Current - Supply (Max)  Ratings  - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Operating Temperature	-40°C ~ 85°C
Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Current - Supply (Max)	8.9mA
Package / Case       4-SMD, No Lead         Size / Dimension       0.157" L x 0.126" W (4.00mm x 3.20mm)	Ratings	-
Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Mounting Type	Surface Mount
	Package / Case	4-SMD, No Lead
Height 0.035" (0.90mm)	Size / Dimension	0.157" L x 0.126" W (4.00mm x 3.20mm)
	Height	0.035" (0.90mm)
Report errors?		Report errors?

#### **502NCF-ABAG 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.

### **502NCF-ABAG Payment Methods**



















## **502NCF-ABAG Shipping Methods**













If you have any question about 502NCF-ABAG, please do not hesitate to contact us!

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