



### **501LCH-ABAF Information**



For Reference Only

Part Number 501LCH-ABAF Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators Programmable Oscillators

**Description** OSC PROG LVCMOS 1.8V EN/DS 20PPM

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.









## **501LCH-ABAF Specifications**

Manufacturer Part Number         501LCH-ABAF           Manufacturer         Silicon Labs           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         CMEMS? Si501           Type         CMEMS?           Programmable Type         Programmed as Request           Available Frequency Range         32kHz ~ 100MHz           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         -           Frequency Stability         -           Frequency Stability (Total)         ±20ppm           Operating Temperature         -20°C ~ 70°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)		
CategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.8VFrequency Stability-Frequency Stability (Total)±20ppmOperating Temperature-20°C ~ 70°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)Height0.035" (0.90mm)	Manufacturer Part Number	501LCH-ABAF
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Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  1.8V  1.8V	Function	Enable/Disable
Frequency Stability Frequency Stability (Total)  Deprating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  D.157" L x 0.126" W (4.00mm x 3.20mm)  Height  -  -  0.035" (0.90mm)	Output	LVCMOS
Frequency Stability (Total) ±20ppm  Operating Temperature -20°C ~ 70°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)	Voltage - Supply	1.8V
Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - 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)  Height  0.035" (0.90mm)	Frequency Stability	-
Spread Spectrum Bandwidth  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)  Height 0.035" (0.90mm)	Frequency Stability (Total)	±20ppm
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)	Operating Temperature	-20°C ~ 70°C
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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)	Ratings	-
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Height 0.035" (0.90mm)	Package / Case	4-SMD, No Lead
•	Size / Dimension	0.157" L x 0.126" W (4.00mm x 3.20mm)
Report errors?	Height	0.035" (0.90mm)
		Report errors?

### **501LCH-ABAF 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.

# **501LCH-ABAF Payment Methods**



















## **501LCH-ABAF Shipping Methods**













If you have any question about 501LCH-ABAF, please do not hesitate to contact us!

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