



501HCA-ABAF Information



For Reference Only

Part Number 501HCA-ABAF 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

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501HCA-ABAF Specifications

Manufacturer Part Number 501HCA-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 1.7 V ~ 3.6 V 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)		
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Series CMEMS? Si501 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 -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)		Programmable Oscillators
TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency 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)	Package	4-SMD, No Lead
Programmable Type Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) Operating Temperature 2-20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height Programmed as Request 32kHz ~ 100MHz Frequest 32kHz ~ 100MHz 4-SMD, No Lead Size / 0.035" (0.90mm)	Series	CMEMS? Si501
Available Frequency Range Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.0157" L x 0.126" W (4.00mm x 3.20mm) Height	Туре	CMEMS?
Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V 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 0.0055" (0.90mm)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency 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)	Available Frequency Range	32kHz ~ 100MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Departing Temperature Spread Spectrum Bandwidth Current - Supply (Max) Ratings Mounting Type Surface Mount Package / Case Size / Dimension Height 1.7 V ~ 3.6 V 1.7 V ~ 3.6 V 8.9m - Supply (Max) 8.20ppm -20°C ~ 70°C 8.9mA 8.9mA 8.9mA Surface Mount 9.0157" L x 0.126" W (4.00mm x 3.20mm) 0.035" (0.90mm)	Function	Enable/Disable
Frequency Stability Frequency Stability (Total) -20°C ~ 70°C Spread Spectrum Bandwidth -Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension D.035" (0.90mm) +20ppm -20°C ~ 70°C 8.9mA - 8.9mA 8.9mA 8.9mA - Mounting Type Surface Mount 4-SMD, No Lead Size / Dimension 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	1.7 V ~ 3.6 V
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) 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)	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
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)	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) Height 0.035" (0.90mm)	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) Height 0.035" (0.90mm)	Ratings	-
Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm) Height 0.035" (0.90mm)	Mounting Type	Surface Mount
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)
	Height	0.035" (0.90mm)
Report errors?		Report errors?

501HCA-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.

501HCA-ABAF Payment Methods





















501HCA-ABAF Shipping Methods













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

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