



501HBC-ADAF Information



For Reference Only

Part Number 501HBC-ADAF 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.









501HBC-ADAF Specifications

Manufacturer Part Number 501HBC-ADAF 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) ±30ppm 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		
CategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Manufacturer Part Number	501HBC-ADAF
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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) ±30ppm 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	Series	CMEMS? Si501
Available Frequency Range Function Enable/Disable Output LVCMOS Voltage - Supply Frequency Stability - Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings August Andrew Surface Mount Package / Case 32kHz ~ 100MHz Enable/Disable LVCMOS 1.7 V ~ 3.6 V - 1.7 V ~	Type	CMEMS?
Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability Frequency Stability (Total) ±30ppm 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	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Available Frequency Range	32kHz ~ 100MHz
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 1.7 V ~ 3.6 V 1.7 V ~ 3.6 V 8.9mA -20°C ~ 70°C Supply (Max) 8.9mA - Mounting Type Surface Mount 4-SMD, No Lead	Function	Enable/Disable
Frequency Stability (Total) ±30ppm 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	Output	LVCMOS
Frequency Stability (Total) ±30ppm 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	Voltage - Supply	1.7 V ~ 3.6 V
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	Frequency Stability	-
Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Frequency Stability (Total)	±30ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Current - Supply (Max)	8.9mA
Package / Case 4-SMD, No Lead	Ratings	-
	Mounting Type	Surface Mount
	Package / Case	4-SMD, No Lead
Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Height 0.035" (0.90mm)	Height	0.035" (0.90mm)
Report errors?		Report errors?

501HBC-ADAF 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.

501HBC-ADAF Payment Methods



















501HBC-ADAF Shipping Methods













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

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