



501ABG-ADAF Information



For Reference Only

Part Number 501ABG-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

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501ABG-ADAF Specifications

Manufacturer Part Number501ABG-ADAFManufacturerSilicon LabsCategoryCrystals, 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)6.5mARatings-Mounting TypeSurface MountSize / Dimension0.008" L x 0.070" W (2.50mm x 2.00mm)		
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)6.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Manufacturer Part Number	501ABG-ADAF
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SeriesCMEMS? 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)6.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead		Programmable Oscillators
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) ±30ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Package	4-SMD, No Lead
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) 6.5mA 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 -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 32kHz ~ 100MHz Enable/Disable LVCMOS 1.7 V ~ 3.6 V - 2.0 °C - 3.6 V - 4.5 MO Surface Mount - 4.5 MD, No Lead	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) 6.5mA 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)6.5mARatings-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 - 830ppm -20°C ~ 70°C -20°C	Function	Enable/Disable
Frequency Stability (Total) ±30ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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) 6.5mA 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) 6.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Frequency Stability	-
Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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)	6.5mA
Package / Case 4-SMD, No Lead	Ratings	-
	Mounting Type	Surface Mount
Size / Dimension 0.008" L v 0.070" W (2.50mm v 2.00mm)	Package / Case	4-SMD, No Lead
5126 / Difficision 0.076 L A 0.077 W (2.30mm A 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?

501ABG-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.

501ABG-ADAF Payment Methods



















501ABG-ADAF Shipping Methods













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

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