



501ECB-ABAG Information



For Reference Only

Part Number 501ECB-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.









501ECB-ABAG Specifications

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 -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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 -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)6.5mARatings-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 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) Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm) Height Programmed as Request 32kHz ~ 100MHz Frequency 32kHz ~ 100MHz 6.5mA - Surface Mount 9.5" L x 0.126" W (4.00mm x 3.20mm)	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 -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.035" (0.90mm) Surface Mount	Туре	CMEMS?	
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) 6.5mA 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 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)6.5mARatings-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 1.7 V ~ 3.6 V Supply Supply 420ppm -40°C ~ 85°C 5.5 MA - Surface Mount - Surface Mount 0.157" L x 0.126" W (4.00mm x 3.20mm) 0.035" (0.90mm)	Function	Enable/Disable	
Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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)	Output	LVCMOS	
Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA 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 -40°C ~ 85°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) 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	-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) 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)	6.5mA	
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)	
Report errors?	Height	0.035" (0.90mm)	
Report circles.			Report errors?

501ECB-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.

501ECB-ABAG Payment Methods



















501ECB-ABAG Shipping Methods













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

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