



503KCB-ABAF Information



For Reference Only

Part Number 503KCB-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

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.









503KCB-ABAF Specifications

Manufacturer Part Number 503KCB-ABAF Manufacturer Silicon Labs Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series CMEMS? Si503 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)		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series CMEMS? Si503 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) 4-20ppm 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	Manufacturer Part Number	503KCB-ABAF
Package 4-SMD, No Lead Series CMEMS? Si503 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)	Manufacturer	Silicon Labs
Package4-SMD, No LeadSeriesCMEMS? Si503TypeCMEMS?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)	Category	Crystals, Oscillators, Resonators
Series CMEMS? Si503 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		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 - 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	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 Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height Programmed as Request 32kHz ~ 100MHz Enable Disable 1.7 V ~ 3.6 V Enable/Disable 1.7 V ~ 3.6 V E	Series	CMEMS? Si503
Available Frequency Range Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Surface Mount Package / Case Size / Dimension Height Supple Surface Mount 1.7 V ~ 3.6 V - 8.9 M 8.9 m 8.9 m 8.9 m 8.9 m 9.0.157" L x 0.126" W (4.00 mm x 3.20 mm) 9.0.35" (0.90 mm)	Type	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 0.035" (0.90mm)	Programmable Type	Programmed as Request
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 0.0035" (0.90mm)	Available Frequency Range	32kHz ~ 100MHz
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 4-SMD, No Lead Size / Dimension Height 1.7 V ~ 3.6 V 8.9mA -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 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 (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)	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) 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)
Report errors?	Height	0.035" (0.90mm)
		Report errors?

503KCB-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.

503KCB-ABAF Payment Methods



















503KCB-ABAF Shipping Methods













If you have any question about 503KCB-ABAF, please do not hesitate to contact us!

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