



# **503JBB-ABAF Information**



For Reference Only

Part Number 503JBB-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



Request a Quote

# **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.









# **503JBB-ABAF Specifications**

Category Programmable Oscillators Package Package Package Package Package Package Programmable Oscillators Package Package Package Package Package Programmable Oscillators Package Package Package Package Package Programmable Type Programmed as Request Package Programmed as Request Programmed as Re		
Category Programmable Oscillators Package Package Package Package Package Package Package Programmable Oscillators Package Package Package Package Package Package Programmable Siston Programmable Type Programmable Type Programmable Type Programmed as Request Package Programmed as Request Package Programmed	Manufacturer Part Number	503JBB-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) ±30ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Surface Mount	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)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface Mount	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) ±30ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 8.9mA  Ratings -  Mounting Type Surface Mount		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) 8.9mA  Ratings  Mounting Type Supple Su	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) 8.9mA  Ratings -  Mounting Type Surface Mount	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  32kHz ~ 100MHz  Enable/Disable  1.7 V ~ 3.6 V  1.7 V ~ 3.6 V  -  -  -  -  -  -  -  -  -  -  -  -  -	Туре	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	Programmable Type	Programmed as Request
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	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  1.7 V ~ 3.6 V  -  8.0pm  -20°C ~ 70°C  Supply (Max)  8.9mA  Surface Mount	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	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	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	Frequency Stability	
Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount	Frequency Stability (Total)	$\pm 30$ ppm
Current - Supply (Max)  Ratings - Mounting Type Surface Mount	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount	Current - Supply (Max)	8.9mA
	Ratings	-
Package / Case 4-SMD, No Lead	Mounting Type	Surface Mount
	Package / Case	4-SMD, No Lead
Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Size / Dimension	0.157" L x 0.126" W (4.00mm x 3.20mm)
Height 0.035" (0.90mm)	Height	0.035" (0.90mm)
Report errors?		Report errors?

#### **503JBB-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.

## **503JBB-ABAF Payment Methods**





















## **503JBB-ABAF Shipping Methods**













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

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