



510HCB-BBAG Information



For Reference Only

Part Number 510HCB-BBAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG HCSL 2.5V EN/DS 20PPM

Package 6-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.









510HCB-BBAG Specifications

Manufacturer Part Number \$10HCB-BBAG Manufacturer \$ilicon Labs Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series \$i510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature ±40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Manufacturer Part Number	510HCB-BBAG
Package 6-SMD, No Lead Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Manufacturer	Silicon Labs
Package 6-SMD, No Lead Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Category	Crystals, Oscillators, Resonators
Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)		Programmable Oscillators
TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzFunctionEnable/DisableOutputHCSLVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)±30ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)44mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.050" (1.28mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Series	Si510
Available Frequency Range Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.050" (1.28mm)	Type	XO (Standard)
Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Programmable Type	Programmed as Request
Output HCSL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Available Frequency Range	125MHz ~ 169.999MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 2.5V 2.5V 2.5V 2.5V 420 420 430 440 - CUrrent - 85°C 50 50 50 50 50 50 50 60 50 60 50 60 6	Function	Enable/Disable
Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Output	HCSL
Frequency Stability (Total) ±30ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Frequency Stability (Total)	±30ppm
Current - Supply (Max) 44mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Operating Temperature	-40°C ~ 85°C
Ratings Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Current - Supply (Max)	44mA
Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.050" (1.28mm)	Mounting Type	Surface Mount
Height 0.050" (1.28mm)	Package / Case	6-SMD, No Lead
-	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.050" (1.28mm)
		Report errors?

510HCB-BBAG 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.

510HCB-BBAG Payment Methods



















510HCB-BBAG Shipping Methods













If you have any question about 510HCB-BBAG, please do not hesitate to contact us!

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