

510LBA-BBAG

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510LBA-BBAG Information

	Part Number	510LBA-BBAG
- + 7	Manufacturer	Silicon Labs
www.heisener.com	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG HCSL 1.8V EN/DS 25PPM
	Package	6-SMD, No Lead
		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com



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.



510LBA-BBAG Specifications

ManufacturerSilicon LabsCategoryCrystals, Oscillators, ResonatorsPogrammable OscillatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSio10TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzPoutputHCSLVoltage - Supply1.8VFrequency Stability (Total)±25ppmPrequency Stability (Total)-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.4mARatings-Andang TypeSurface MountPackage / CaseSind, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)			
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSi510TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzOutputEnable/DisableVoltage - Supply1.8VFrequency Stability (Total)±25pmPrequency Stability (Total)-0°C ~ 85°COperating Temperature-0°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Package / CaseSurface MountPackage / Case6-SMD, No LeadSize / Dimension1.97" L x 0.126" W (5.00mm x 3.20mm)Height0.50" (1.28mm)	Manufacturer Part Number	510LBA-BBAG	
Programmable OscillatorsPackage6-SMD, No LeadSeriesSi510TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzFunctionEnable/DisableOutputHCSLVoltage - Supply1.8VFrequency Stability (Total)±25pmPrequency Stability (Total)±0pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)44mARatings-Package / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.050" (1.28mm)	Manufacturer	Silicon Labs	
Package6-SMD, No LeadSeriesSi510TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzFunctionEnable/DisableOutputHCSLVoltage - Supply1.8VFrequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°COurput Jupit44mARatings-RatingsSurface MountPackage / Case6.SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.50" (1.28mm)	Category	Crystals, Oscillators, Resonators	
SeriesSis10TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range125MHz ~ 169.999MHzFunctionEnable/DisableOutputHCSLVoltage - Supply1.8VFrequency Stability±25ppmFrequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / Case6.SMD, No LeadSize / Dimension1.050" (1.28mm)		Programmable Oscillators	
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Programmable Type Programmed as Request Available Frequency Range 125MHz ~ 169.999MHz Function Enable/Disable Output HCSL Voltage - Supply 1.8V Frequency Stability ±25ppm Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 44mA Ratings - Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Series	Si510	
Available Frequency Range125MHz ~ 169.999MHzFunctionEnable/DisableOutputHCSLVoltage - Supply1.8VFrequency Stability±25pmFrequency Stability (Total)±50pmOperating 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)	Туре	XO (Standard)	
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OutputHCSLVoltage - Supply1.8VFrequency Stability±25pmFrequency Stability (Total)±50pmOperating 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)Height0.505" (1.28mm)	Available Frequency Range	125MHz ~ 169.999MHz	
Voltage - Supply 1.8V Frequency Stability ±25ppm Frequency Stability (Total) ±50ppm 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)	Function	Enable/Disable	
Frequency Stability±25ppmFrequency Stability (Total)±50ppmOperating 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)	Output	HCSL	
Frequency Stability (Total)±50ppmOperating 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)	Voltage - Supply	1.8V	
Operating 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)	Frequency Stability	±25ppm	
Spread 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)	Frequency Stability (Total)	±50ppm	
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)	Operating Temperature	-40°C ~ 85°C	
Ratings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.050" (1.28mm)	Spread Spectrum Bandwidth	-	
Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.050" (1.28mm)	Current - Supply (Max)	44mA	
Package / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.050" (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'	

E-mail: salesdept@heisener.com

510LBA-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.

510LBA-BBAG Payment Methods



510LBA-BBAG Shipping Methods



If you have any question about 510LBA-BBAG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com