



#### 510BBA-ABAG Information



For Reference Only

Part Number 510BBA-ABAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVDS 3.3V EN/DS 25PPM

Package 6-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.









## 510BBA-ABAG Specifications

Manufacturer         Silicon Labs           Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si510           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         100kHz ~ 124.999MHz           Function         Enable/Disable           Output         LVDS           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           Frequency Stability (Total)         ±50ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         23mA           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)		
Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si510           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         100kHz ~ 124.999MHz           Function         Enable/Disable           Output         LVDS           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           Frequency Stability (Total)         ±50ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         23mA           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)	Manufacturer Part Number	510BBA-ABAG
Package 6-SMD, No Lead Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 100kHz ~ 124.999MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 23mA 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)	Manufacturer	Silicon Labs
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Programmable Type Programmed as Request  Available Frequency Range 100kHz ~ 124.999MHz  Function Enable/Disable  Output LVDS  Voltage - Supply 3.3V  Frequency Stability (Total) ±25ppm  Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 23mA  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)	Series	Si510
Available Frequency Range Function Enable/Disable Output LVDS Voltage - Supply 3.3V 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  100kHz ~ 124.999MHz Enable/Disable  1.0VDS  3.3V  +25ppm  +25ppm  -40°C ~ 85°C  Spread Spectrum Bandwidth Surface Mount  6-SMD, No Lead  5.126 W (5.00mm x 3.20mm)	Туре	XO (Standard)
Function Enable/Disable  Output LVDS  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 23mA  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)	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)23mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)	Available Frequency Range	100kHz ~ 124.999MHz
Voltage - Supply  Frequency Stability  +25ppm  Frequency Stability (Total)  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  3.3V  3.3V  3.3V  425ppm  -40°C ~ 85°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  23mA  Surface Mount  6-SMD, No Lead  Size / Dimension  0.197" L x 0.126" W (5.00mm x 3.20mm)	Function	Enable/Disable
Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 23mA  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)	Output	LVDS
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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)	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)	Current - Supply (Max)	23mA
Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Mounting Type	Surface Mount
` '	Package / Case	6-SMD, No Lead
Height 0.050" (1.29mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
neight 0.030 (1.28hilli)	Height	0.050" (1.28mm)
Report errors?		Report errors?

#### 510BBA-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.

# 510BBA-ABAG Payment Methods



















### **510BBA-ABAG Shipping Methods**













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

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