



510HBA-AAAG Information



For Reference Only

Part Number 510HBA-AAAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG HCSL 2.5V 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

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510HBA-AAAG Specifications

| Manufacturer Part Number 510HBA-AAAG 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 HCSL Voltage - Supply ±25pm Frequency Stability ±25pm Frequency Stability (Total) ±50pm 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | | |
|--|-----------------------------|---------------------------------------|
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| Series Si510 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 100kHz ~ 124.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | | Programmable Oscillators |
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| Programmable Type Programmed as Request Available Frequency Range 100kHz ~ 124.999MHz Function Enable/Disable Output HCSL Voltage - Supply 2.5V 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000 | Series | Si510 |
| Available Frequency Range Function Enable/Disable Output HCSL Voltage - Supply 2.5V Frequency Stability +25ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) AdmA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.071" (1.80mm) | Туре | XO (Standard) |
| Function Enable/Disable Output HCSL Voltage - Supply 2.5V 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0071" (1.80mm) | Programmable Type | Programmed as Request |
| Output HCSL Voltage - Supply 2.5V 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0011 (1.80mm) | Available Frequency Range | 100kHz ~ 124.999MHz |
| Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) AdmA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.071" (1.80mm) 2.5V 2.5V 2.5V 2.5V 425ppm 420 420 430 440 510 440 440 440 440 440 44 | Function | Enable/Disable |
| 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Output | HCSL |
| 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Voltage - Supply | 2.5V |
| 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Frequency Stability | ±25ppm |
| Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Frequency Stability (Total) | ±50ppm |
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| Ratings Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Spread Spectrum Bandwidth | - |
| Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Current - Supply (Max) | 44mA |
| Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Ratings | - |
| Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Mounting Type | Surface Mount |
| Height 0.071" (1.80mm) | Package / Case | 6-SMD, No Lead |
| | Size / Dimension | 0.276" L x 0.197" W (7.00mm x 5.00mm) |
| Report errors? | Height | 0.071" (1.80mm) |
| | | Report errors? |

510HBA-AAAG 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.

510HBA-AAAG Payment Methods



















510HBA-AAAG Shipping Methods













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

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