



570BAB001591DG Information



For Reference Only

Part Number 570BAB001591DG

Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC XO 10-810MHZ LVDS SMD 3.3V

Package 8-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.









570BAB001591DG Specifications

| Category Crystals, Oscillators, Resonators Package 8-SMD, No Lead Series Si570 Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) | | |
|---|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Programmable Oscillators Package 8-SMD, No Lead Series Si570 Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Manufacturer Part Number | 570BAB001591DG |
| Package 8-SMD, No Lead Series Si570 Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Manufacturer | Silicon Labs |
| Package 8-SMD, No Lead Series Si570 Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Category | Crystals, Oscillators, Resonators |
| Series Si570 Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | | Programmable Oscillators |
| Type XO (Standard) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 810MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 10MHz - SIOMHIZ AUGUST | Package | 8-SMD, No Lead |
| Programmable Type Available Frequency Range 10MHz ~ 810MHz Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.071" (1.80mm) | Series | Si570 |
| Available Frequency Range Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.071" (1.80mm) Enable/Disable LVDS 3.3V ±61.5ppm -40°C ~ 85°C SPOD Surface Mount Surface Mount 8-SMD, No Lead Size / Dimension 0.071" (1.80mm) | Туре | XO (Standard) |
| Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0071" (1.80mm) | Programmable Type | Blank (User Must Program) |
| Output LVDS Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Available Frequency Range | 10MHz ~ 810MHz |
| 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 0.071" (1.80mm) 3.3V 3.3V 3.3V 450 Suplemed Size / Dimension 3.3V 40°C ~ 85°C -40°C ~ 85°C -40°C ~ 85°C Spread Spectrum Bandwidth - 0.40°C ~ 85°C Surface Mount - 0.08mA 8-SMD, No Lead 0.276" L x 0.197" W (7.00mm x 5.00mm) Height | Function | Enable/Disable |
| Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Output | LVDS |
| Frequency Stability (Total) ±61.5ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Voltage - Supply | 3.3V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Frequency Stability | ±50ppm |
| Spread Spectrum Bandwidth - Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-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) | ±61.5ppm |
| Current - Supply (Max) 108mA Ratings - Mounting Type Surface Mount Package / Case 8-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm) | Operating Temperature | -40°C ~ 85°C |
| Ratings - Mounting Type Surface Mount Package / Case 8-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 8-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) | 108mA |
| Package / Case 8-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 | 8-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? |

570BAB001591DG 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.

570BAB001591DG Payment Methods



















570BAB001591DG Shipping Methods













If you have any question about 570BAB001591DG, please do not hesitate to contact us!

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