



591NB-ADG Information



Part Number 591NB-ADG 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

For Reference Only

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.









591NB-ADG Specifications

| Manufacturer Part Number 591NB-ADG Manufacturer Silicon Labs Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 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) 100mA 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) | | |
|---|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 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) 100mA 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) | Manufacturer Part Number | 591NB-ADG |
| Package 6-SMD, No Lead Series Si591 Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 124.999MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) ±50pm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 100mA 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) | Manufacturer | Silicon Labs |
| Package6-SMD, No LeadSeriesSi591TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range10MHz ~ 124.999MHzFunctionEnable/DisableOutputLVDSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)100mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.071" (1.80mm) | Category | Crystals, Oscillators, Resonators |
| SeriesSi591TypeXO (Standard)Programmable TypeProgrammed as RequestAvailable Frequency Range10MHz ~ 124.999MHzFunctionEnable/DisableOutputLVDSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)100mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.071" (1.80mm) | | Programmable Oscillators |
| Type XO (Standard) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 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) 100mA 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) | Package | 6-SMD, No Lead |
| Programmable Type Available Frequency Range 10MHz ~ 124.999MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V 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 Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height | Series | Si591 |
| Available Frequency Range Function Enable/Disable Output LVDS Voltage - Supply 3.3V 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 Size / Dimension 0.0276" L x 0.197" W (7.00mm x 5.00mm) Height | 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) 100mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.071" (1.80mm) Height | Programmable Type | Programmed as Request |
| 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) 100mA 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) | Available Frequency Range | 10MHz ~ 124.999MHz |
| Voltage - Supply Frequency Stability Frequency Stability (Total) Deprating Temperature Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V \$25ppm \$40°C ~ 85°C \$50pm -40°C ~ 85°C \$50pm -40°C ~ 85°C \$50pm Surface Mount - \$50ppm - \$40°C ~ 85°C \$50pm - \$50pm - \$50pm \$50pm - \$50pm \$50pm | Function | Enable/Disable |
| Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 100mA 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 | LVDS |
| Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 100mA 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 | 3.3V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 100mA 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 |
| 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) | Operating Temperature | -40°C ~ 85°C |
| 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) | 100mA |
| 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? |

591NB-ADG 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.

591NB-ADG Payment Methods



















591NB-ADG Shipping Methods













If you have any question about 591NB-ADG, please do not hesitate to contact us!

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