



SIT9120AI-1D-33S Information



For Reference Only

Part Number SIT9120AI-1D-33S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V STBY 20PPM

Package 6-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.









SIT9120AI-1D-33S Specifications

| Manufacturer Part Number SIT9120AI-1D-33S Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9120 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature +40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | | |
|---|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9120 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3 V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | Manufacturer Part Number | SIT9120AI-1D-33S |
| Package 6-SMD, No Lead Series SiT9120 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | Manufacturer | SiTIME |
| Package 6-SMD, No Lead Series SiT9120 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | Category | Crystals, Oscillators, Resonators |
| Series SiT9120 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | | Programmable Oscillators |
| TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range25MHz ~ 212.5MHzFunctionStandbyOutputLVPECLVoltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.039" (1.00mm) | Package | 6-SMD, No Lead |
| Programmable Type Programmed as Request Available Frequency Range 25MHz ~ 212.5MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 | SiT9120 |
| Available Frequency Range Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability +20ppm 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 | MEMS (Silicon) |
| Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.009" (1.00mm) | Programmable Type | Programmed as Request |
| Output LVPECL Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.009" (1.00mm) | Available Frequency Range | 25MHz ~ 212.5MHz |
| Voltage - Supply Frequency Stability 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 Height 3.3V 3.3V 3.3V 420ppm - Surface Mount - 0.276" L x 0.197" W (7.00mm x 5.00mm) Height | Function | Standby |
| Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension O.276" L x 0.197" W (7.00mm x 5.00mm) Height +20ppm -40°C ~ 85°C -40°C | Output | LVPECL |
| 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height | Voltage - Supply | 3.3V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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 0.039" (1.00mm) | Frequency Stability | ±20ppm |
| Spread Spectrum Bandwidth Current - Supply (Max) 69mA 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 0.039" (1.00mm) | Frequency Stability (Total) | - |
| 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 0.039" (1.00mm) | 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 0.039" (1.00mm) | 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 0.039" (1.00mm) | Current - Supply (Max) | 69mA |
| Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Ratings | - |
| Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Mounting Type | Surface Mount |
| Height 0.039" (1.00mm) | Package / Case | 6-SMD, No Lead |
| | Size / Dimension | 0.276" L x 0.197" W (7.00mm x 5.00mm) |
| Report errors? | Height | 0.039" (1.00mm) |
| | | Report errors? |

SIT9120AI-1D-33S 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.

SIT9120AI-1D-33S Payment Methods



















SIT9120AI-1D-33S Shipping Methods













If you have any question about SIT9120AI-1D-33S, please do not hesitate to contact us!

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