



SIT8008AIT1-18E Information



For Reference Only

Part Number SIT8008AIT1-18E

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 1.8V EN/DS 20PPM

Package 4-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.









SIT8008AIT1-18E Specifications

| Manufacturer Part Number SIT8008AIT1-18E Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | | |
|--|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Manufacturer Part Number | SIT8008AIT1-18E |
| Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Manufacturer | SiTIME |
| Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Category | Crystals, Oscillators, Resonators |
| Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | | Programmable Oscillators |
| Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height MEMS (Silicon) Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Programmed as Request Strate Mount | Package | 4-SMD, No Lead |
| Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height MCMOS, LVCMOS | Series | SiT8008 |
| Available Frequency Range Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability Frequency Stability (Total) - Operating Temperature Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Output HCMOS, LVCMOS L NAV Enable/Disable Enable/Disable Enable/Disable Enable/Disable ACMOS, LVCMOS 1.8V - Curyon | Туре | MEMS (Silicon) |
| Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Programmable Type | Programmed as Request |
| Output HCMOS, LVCMOS Voltage - Supply 1.8V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Available Frequency Range | 1MHz ~ 110MHz |
| Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Supply (Max) Surface Mount Package / Case Size / Dimension Height 1.8V 1.8V | Function | Enable/Disable |
| Frequency Stability (Total) | Output | HCMOS, LVCMOS |
| Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height | Voltage - Supply | 1.8V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Frequency Stability | ±20ppm |
| Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Frequency Stability (Total) | - |
| Current - Supply (Max) 3.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Operating Temperature | -40°C ~ 85°C |
| Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Spread Spectrum Bandwidth | - |
| Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Current - Supply (Max) | 3.9mA |
| Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Ratings | - |
| Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm) | Mounting Type | Surface Mount |
| Height 0.031" (0.79mm) | Package / Case | 4-SMD, No Lead |
| - | Size / Dimension | 0.098" L x 0.079" W (2.50mm x 2.00mm) |
| Report errors? | Height | 0.031" (0.79mm) |
| | | Report errors? |

SIT8008AIT1-18E 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.

SIT8008AIT1-18E Payment Methods



















SIT8008AIT1-18E Shipping Methods













If you have any question about SIT8008AIT1-18E, please do not hesitate to contact us!

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