



SIT2024BEUS-25E Information



For Reference Only

Part Number SIT2024BEUS-25E

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC BLANK 1MHZ-110MHZ

Package SC-74A, SOT-753

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

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.









SIT2024BEUS-25E Specifications

| Manufacturer Part Number SIT2024BEUS-25E Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package SC-74A, SOT-753 Series SiT2024B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range - Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability +25ppm Frequency Stability (Total) ±25ppm Operating Temperature +40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | | |
|--|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package SC-74A, SOT-753 Series SiT2024B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range - Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Manufacturer Part Number | SIT2024BEUS-25E |
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| Series SiT2024B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range - Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | | Programmable Oscillators |
| TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-FunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5VFrequency Stability±25ppmFrequency Stability (Total)±25ppmOperating Temperature-40°C ~ 105°CSpread Spectrum Bandwidth-Current - Supply (Max)4.8mARatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension0.114" L x 0.063" W (2.90mm x 1.60mm)Height0.057" (1.45mm) | Package | SC-74A, SOT-753 |
| Programmable Type Programmed as Request Available Frequency Range - Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height Output Surface Mount | Series | SiT2024B |
| Available Frequency Range Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability #25ppm Frequency Stability (Total) -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension Output LVCMOS LVCMOS - 4.8mA AEC-Q100 Surface Mount Surface Mount Surface Mount SC-74A, SOT-753 Size / Dimension O.114" L x 0.063" W (2.90mm x 1.60mm) Height | Туре | MEMS (Silicon) |
| Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Programmable Type | Programmed as Request |
| OutputLVCMOSVoltage - Supply2.5VFrequency Stability±25ppmFrequency Stability (Total)±25ppmOperating Temperature-40°C ~ 105°CSpread Spectrum Bandwidth-Current - Supply (Max)4.8mARatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension0.114" L x 0.063" W (2.90mm x 1.60mm)Height0.057" (1.45mm) | Available Frequency Range | - |
| Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension Height 2.5V 2.5V AUC | Function | Enable/Disable |
| Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height +25ppm ±25ppm ±25ppm 4.8mA AEC-Q100 Surface Mount Surface Mount 90.057" (1.45mm) | Output | LVCMOS |
| Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Voltage - Supply | 2.5V |
| Operating Temperature -40°C ~ 105°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Frequency Stability | ±25ppm |
| Spread Spectrum Bandwidth Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Frequency Stability (Total) | ±25ppm |
| Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Operating Temperature | -40°C ~ 105°C |
| Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Spread Spectrum Bandwidth | - |
| Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Current - Supply (Max) | 4.8mA |
| Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Ratings | AEC-Q100 |
| Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm) | Mounting Type | Surface Mount |
| Height 0.057" (1.45mm) | Package / Case | SC-74A, SOT-753 |
| | Size / Dimension | 0.114" L x 0.063" W (2.90mm x 1.60mm) |
| Report errors? | Height | 0.057" (1.45mm) |
| | | Report errors? |

SIT2024BEUS-25E 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.

SIT2024BEUS-25E Payment Methods





















SIT2024BEUS-25E Shipping Methods













If you have any question about SIT2024BEUS-25E, please do not hesitate to contact us!

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