

SIT2024BEAS-33N

SIT2024BEAS-33N Information



| Part Number | SIT2024BEAS-33N |
|--------------|--|
| 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 |



Request a Quote

For Reference Only

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.



SIT2024BEAS-33N Specifications

| ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackageSC-74A, SOT-753SeriesSiT2024BTypeMEMS (Silicon)Pogrammable TypeProgrammed as RequestAvailable Frequency Range-PottorionSVCMOSVoltage - Supply3.3VFrequency Stability (Total)+25pmPrequency Stability (Total)-200°COperating Temperature-40°C ~105°CSpread Spectrum Bandwidth-Current - Supply (Max)AsmARatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSurface MountSpread Spectrum SpectrumSurface MountAnatingsAEC-Q100**Mounting TypeSurface MountPackage / CaseSurface Mount 1.60mm) | | |
|--|-----------------------------|---------------------------------------|
| CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackageSC-74A, SOT-753SeriesSiT2024BTypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-Punction-OutputLVCMOSVoltage - Supply3.3VFrequency Stability (Total)±25pmPrequency Stability (Total)-Operating Temperature-Output-Output, Supply (Max)AsmARatingsAEC-Q100Rung Lagency StabilitySurface MountPrequency StabilitySurface MountPrequency StabilitySurface MountSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension1.14" L x 0.063" W (2.90mm x 1.60mm)Height0.50" (1.45mm) | Manufacturer Part Number | SIT2024BEAS-33N |
| Programmable OscillatorsPackageSC-74A, SOT-753SeriesSiT2024BTypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-Function-OutputLVCMOSVoltage - Supply3.3VFrequency Stability (Total)±25pmOperating Temperature-Output-Spread Spectrum Bandwidth-Current - Supply (Max)AEC-Q100RatingsSC-74A, SOT-753Nounting TypeSC-74A, SOT-753Size / Dimension-1.14" L x 0.063" W (2.90mm x 1.60mm)Height0.057" (1.45mm) | Manufacturer | SiTIME |
| PackageSC-74A, SOT-753SeriesSiT2024BTypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-Function-OutputLVCMOSVoltage - Supply3.3VFrequency Stability (Total)±25pmOperating Temperature-40°C ~105°CSpread Spectrum Bandwidth-RatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSc-74A, SOT-753Size / Dimension1.4" L x 0.063" W (2.90mm x 1.60mm)Height0.57" (1.45mm) | Category | Crystals, Oscillators, Resonators |
| SeriesSiT2024BTypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-Function-OutputLVCMOSVoltage - Supply3.3VFrequency Stability (Total)±25pmOperating Temperature-40°C ~ 105°COutput4.8mARatingsAEC-Q100Mounting TypeSurface MountPrekage / CaseSc-74A, SOT-753Size / Dimension1.057" (1.45mm)Height0.057" (1.45mm) | | Programmable Oscillators |
| TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range-Function-OutputLVCMOSOutput3.3VVoltage - Supply±25pmFrequency Stability (Total)±25pmOperating Temperature-Output4.0°C ~ 105°CSpread Spectrum Bandwidth-RatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSc-74A, SOT-753Size / Dimension0.057" (1.45mm) | Package | SC-74A, SOT-753 |
| Programmable Type Programmed as Request Available Frequency Range - Function - Output LVCMOS Output 3.3V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm 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 0.057" (1.45mm) | Series | SiT2024B |
| Available Frequency Range-Function-OutputLVCMOSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)±25ppmOperating Temperature-40°C ~ 105°CSpread Spectrum Bandwidth-Current - Supply (Max)4.8mARatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension0.057" (1.45mm) | Туре | MEMS (Silicon) |
| Function-OutputLVCMOSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)±25ppmOperating Temperature-40°C ~ 105°CSpread Spectrum Bandwidth-Current - Supply (Max)4.8mARatingsAEC-Q100Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension0.057" (1.45mm) | Programmable Type | Programmed as Request |
| OutputLVCMOSVoltage - Supply3.3VFrequency 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 3.3V 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) | Function | - |
| Frequency Stability (Total)±25pmFrequency Stability (Total)±25pmOperating 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) | Output | LVCMOS |
| Frequency 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) | Voltage - Supply | 3.3V |
| Operating 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) | Frequency Stability | ±25ppm |
| Spread 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) | Frequency Stability (Total) | ±25ppm |
| 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) | Operating Temperature | $-40^{\circ}C \sim 105^{\circ}C$ |
| 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 TypeSurface MountPackage / CaseSC-74A, SOT-753Size / Dimension0.114" L x 0.063" W (2.90mm x 1.60mm)Height0.057" (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? |

SIT2024BEAS-33N 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

SIT2024BEAS-33N Payment Methods





If you have any question about SIT2024BEAS-33N, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com