

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