



SIT2024BMUS-25E Information



For Reference Only

Part Number SIT2024BMUS-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

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SIT2024BMUS-25E Specifications

Manufacturer Part Number SIT2024BMUS-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 5°5°C ~ 125°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)		
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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 -55°C ~ 125°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-55°C ~ 125°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 -55°C ~ 125°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) -55°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension 0.057" (1.45mm) Enable/Disable LVCMOS	Туре	MEMS (Silicon)
Function Enable/Disable Output LVCMOS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -55°C ~ 125°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-55°C ~ 125°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 -55°C ~ 125°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 AESPPM -25ppm -55°C ~ 125°C AESPPM -55°C ~ 125°C -600	Function	Enable/Disable
Frequency Stability (Total) ±25ppm Operating Temperature -55°C ~ 125°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 -55°C ~ 125°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 -55°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension Height -55°C ~ 125°C -125°C -	Frequency Stability	±25ppm
Spread Spectrum Bandwidth Current - Supply (Max) 4.8mA 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	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	-55°C ~ 125°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?

SIT2024BMUS-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.

SIT2024BMUS-25E Payment Methods

































If you have any question about SIT2024BMUS-25E, please do not hesitate to contact us!

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