



#### SIT2024BELS-28E Information



For Reference Only

Part Number SIT2024BELS-28E

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

# **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.









# **SIT2024BELS-28E Specifications**

Manufacturer Part Number         STT2024BELS-28E           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         2.8V           Frequency Stability         ±25ppm           Frequency Stability (Total)         ±25ppm           Operating Temperature         ±25ppm           Operating Temperature         4.0°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         2.8V           Frequency Stability (Total)         ±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	SIT2024BELS-28E
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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         2.8V           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
Series         SiT2024B           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         -           Function         Enable/Disable           Output         LVCMOS           Voltage - Supply         2.8V           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
Type MEMS (Silicon)  Programmable Type Programmed as Request  Available Frequency Range - Function Enable/Disable  Output LVCMOS  Voltage - Supply 2.8V  Frequency Stability (Total) ±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 1.50 A SC-14 A SOT-154 A SOT-154 A SOT-155 A SO	Package	SC-74A, SOT-753
Programmable Type Programmed as Request  Available Frequency Range - Function Enable/Disable  Output LVCMOS  Voltage - Supply 2.8V  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)	Series	SiT2024B
Available Frequency Range Function Enable/Disable Output LVCMOS Voltage - Supply 2.8V Frequency Stability Frequency Stability (Total) Operating Temperature 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 Output LVCMOS LVCMOS LVCMOS  - Enable/Disable LVCMOS  - 4.8W 4.8W 4.8W 4.8M 4.8M 4.8M 4.8C 4.8U 4.8C 4.8C 4.8C 4.8C 4.8C 4.8C 4.8C 4.8C	Туре	MEMS (Silicon)
Function Enable/Disable Output LVCMOS Voltage - Supply 2.8V 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 - Supply2.8VFrequency 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  2.8V  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  0.057" (1.45mm)	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  ±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	2.8V
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	Frequency Stability (Total)	±25ppm
Current - Supply (Max)  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?

#### **SIT2024BELS-28E 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.

### **SIT2024BELS-28E Payment Methods**



















# SIT2024BELS-28E Shipping Methods













If you have any question about SIT2024BELS-28E, please do not hesitate to contact us!

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