



SIT8008AIE8-33E Information



For Reference Only

Part Number SIT8008AIE8-33E

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V EN/DS 20PPM

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



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SIT8008AIE8-33E Specifications

Manufacturer Part Number SIT 8008AIE8-33E Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Manufacturer Part Number	SIT8008AIE8-33E
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SeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.039" (1.00mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 100mm	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000	Series	SiT8008
Available Frequency Range Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.039" (1.00mm)	Туре	MEMS (Silicon)
Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.039" (1.00mm) Height	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V 4.20ppm - 40°C ~ 85°C 5.20 Surface Mount - 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 5.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20	Function	Enable/Disable
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Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height - 0.039" (1.00mm)	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability (Total)	-
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Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Mounting Type	Surface Mount
Height 0.039" (1.00mm)	Package / Case	4-SMD, No Lead
, ,	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.039" (1.00mm)
		Report errors?

SIT8008AIE8-33E 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.

SIT8008AIE8-33E Payment Methods

































If you have any question about SIT8008AIE8-33E, please do not hesitate to contact us!

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