



## SIT8008AIB1-33E Information



For Reference Only

Part Number SIT8008AIB1-33E

**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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# **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.









## **SIT8008AIB1-33E Specifications**

Manufacturer Part NumberSIT8008AIB1-33EManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply3.3VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°C		
Category Crystals, Oscillators, Resonators Programmable Oscillators  Package 4-SMD, No Lead Series SiT8008  Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply Frequency Stability Frequency Stability (Total) -	Manufacturer Part Number	SIT8008AIB1-33E
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)  Frequency Stability (Total)	Manufacturer	SiTIME
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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) -	Series	SiT8008
Available Frequency Range 1MHz ~ 110MHz  Function Enable/Disable  Output HCMOS, LVCMOS  Voltage - Supply 3.3V  Frequency Stability ±20ppm  Frequency Stability (Total) -	Туре	MEMS (Silicon)
Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3.3V Frequency Stability ±20ppm Frequency Stability (Total) -	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS  Voltage - Supply 3.3V  Frequency Stability ±20ppm  Frequency Stability (Total) -	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply  Frequency Stability  5.33V  ±20ppm  Frequency Stability (Total)  -	Function	Enable/Disable
Frequency Stability ±20ppm Frequency Stability (Total) -	Output	HCMOS, LVCMOS
Frequency Stability (Total) -	Voltage - Supply	3.3V
	Frequency Stability	±20ppm
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Frequency Stability (Total)	-
	Operating Temperature	-40°C ~ 85°C
Spread Spectrum Bandwidth -	Spread Spectrum Bandwidth	-
Current - Supply (Max) 4.5mA	Current - Supply (Max)	4.5mA
Ratings -	Ratings	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-SMD, No Lead	Package / Case	4-SMD, No Lead
Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Height 0.031" (0.79mm)	Height	0.031" (0.79mm)
Report error		Report errors?

#### **SIT8008AIB1-33E 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.

### SIT8008AIB1-33E Payment Methods



















### SIT8008AIB1-33E Shipping Methods













If you have any question about SIT8008AIB1-33E, please do not hesitate to contact us!

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