



SIT8008BCT7-33S Information



For Reference Only

Part Number SIT8008BCT7-33S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V STBY SMD

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

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SIT8008BCT7-33S Specifications

Manufacturer Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series Series SiT8008B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) Departing Temperature 20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Surface Mount Package / Case 4-SMD, No Lead		CAMPAGAGA CITIES AND
Category Crystals, Oscillators, Resonators Programmable Oscillators 4-SMD, No Lead Series SiT8008B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 110MHz Function Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Manufacturer Part Number	SIT8008BCT7-33S
Package 4-SMD, No Lead Series SiT8008B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Manufacturer	SiTIME
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Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 110MHz Function Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Package	4-SMD, No Lead
Programmable Type Available Frequency Range 1MHz ~ 110MHz Function Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Package / Case Programmed as Request 1MHz ~ 110MHz 1MHz 110MHz 140MOS 3.3V - 4.5MA Standby 1.50ppm -20°C ~ 70°C Surface Mount -20°C ~ 70°C -2	Series	SiT8008B
Available Frequency Range Function Standby Output LVCMOS Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type Package / Case 1MHz ~ 110MHz Standby 1VCMOS 3.3V - -20°C -	Type	MEMS (Silicon)
Function Standby Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Programmable Type	Programmed as Request
Output LVCMOS Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply 3.3V Frequency Stability - Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 3.3V 3.3V 3.3V - Supply (Max) 420ppm, ±25ppm, ±50ppm -20°C ~ 70°C -20°C ~ 70°C Spread Spectrum Bandwidth - Surface Mount 4.5mA 4.5mA	Function	Standby
Frequency Stability Frequency Stability (Total) Departing Temperature -20°C ~ 70°C Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case - Supply (Max) - Surface Mount 4-SMD, No Lead	Output	LVCMOS
Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Voltage - Supply	3.3V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Frequency Stability	-
Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Frequency Stability (Total)	±20ppm, ±25ppm, ±50ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead	Ratings	-
	Mounting Type	Surface Mount
	Package / Case	4-SMD, No Lead
Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm)	Size / Dimension	0.079" L x 0.063" W (2.00mm x 1.60mm)
Height 0.031" (0.79mm)	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT8008BCT7-33S 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.

SIT8008BCT7-33S Payment Methods



















SIT8008BCT7-33S Shipping Methods













If you have any question about SIT8008BCT7-33S, please do not hesitate to contact us!

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