



SIT8008ACU3-30S Information



For Reference Only

Part Number SIT8008ACU3-30S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3V STBY 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.









SIT8008ACU3-30S Specifications

Manufacturer Part NumberSIT8008ACU3-30SManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionStandbyOutputHCMOS, LVCMOSVoltage - Supply3VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead		
Category Programmable Oscillators Package Pack	Manufacturer Part Number	SIT8008ACU3-30S
Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability + ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionStandbyOutputHCMOS, LVCMOSVoltage - Supply3VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface Mount	Category	Crystals, Oscillators, Resonators
Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings MemS (Silicon) Programmed as Request 1MHz ~ 110MHz Standby HCMOS, LVCMOS 4.5mA Surface Mount	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings Mounting Type Surface Mount	Series	SiT8008
Available Frequency Range Function Standby Output HCMOS, LVCMOS Voltage - Supply Frequency Stability Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Mounting Type IMMz ~ 110MHz Standby HCMOS, LVCMOS 3V FROMOS 3V FROMOS 3V Frequency Stability (Total) - Coppm -20°C ~ 70°C 5 Frequency Stability (Total) - Surface Mount Surface Mount	Туре	MEMS (Silicon)
Function Standby Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type 3V 20ppm -20°C ~ 70°C -20°C ~ 70°C 4.5mA Surface Mount	Function	Standby
Frequency Stability (Total)	Output	HCMOS, LVCMOS
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount	Voltage - Supply	3V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount	Frequency Stability	±20ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount	Current - Supply (Max)	4.5mA
	Ratings	-
Package / Case 4-SMD, No Lead	Mounting Type	Surface Mount
·	Package / Case	4-SMD, No Lead
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Height 0.031" (0.79mm)	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT8008ACU3-30S 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.

SIT8008ACU3-30S Payment Methods



















SIT8008ACU3-30S Shipping Methods













If you have any question about SIT8008ACU3-30S, please do not hesitate to contact us!

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