



SIT8008ACL7-25S Information

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For Reference Only

Part Number SIT8008ACL7-25S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.5V 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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SIT8008ACL7-25S Specifications

Manufacturer Part NumberSIT8008ACL7-25SManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzFunctionStandbyOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface Mount		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Available Frequency Range IMHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply Frequency Stability Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Crystals, Oscillators, Resonators Programmable Oscillators HCMOS, LVCMOS 4-SMD, No Lead Sitavos HCMOS (Silicon) Programmed as Request HCMOS, LVCMOS 2.5V Frequency Stability -20ppm -20pm	Manufacturer Part Number	SIT8008ACL7-25S
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 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Simbol A-SME (Max) A-SME (Max) A-SME (MEMS)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionStandbyOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-	Category	Crystals, Oscillators, Resonators
SeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionStandbyOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - MEMS (Silicon) Programmed as Request 1MHz ~ 110MHz Standby HCMOS, LVCMOS - 20°C 5V - 20°C - 20	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - 1MHz ~ 110MHz Range - 100MHz Range - 100M	Series	SiT8008
Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - IMHz ~ 110MHz HCMOS, LVCMOS HCMOS HCMOS, LVCMOS - 20°C ~ 70°C	Type	MEMS (Silicon)
Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings -	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings -	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply 2.5V Frequency Stability £20ppm Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - 2.5V 2.5V 4.5mA	Function	Standby
Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings -	Output	HCMOS, LVCMOS
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - - - - - - - - - - - - -	Voltage - Supply	2.5V
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-	Frequency Stability	±20ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings -	Frequency Stability (Total)	-
Current - Supply (Max) 4.5mA Ratings -	Operating Temperature	-20°C ~ 70°C
Ratings -	Spread Spectrum Bandwidth	-
	Current - Supply (Max)	4.5mA
Mounting Type Surface Mount	Ratings	-
	Mounting Type	Surface Mount
Package / Case 4-SMD, No Lead	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?

SIT8008ACL7-25S 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.

SIT8008ACL7-25S Payment Methods



















SIT8008ACL7-25S Shipping Methods













If you have any question about SIT8008ACL7-25S, please do not hesitate to contact us!

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