



SIT3808AI-C-28NE Information



For Reference Only

Part Number SIT3808AI-C-28NE

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.8V 10PPM SMD

Package 6-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.









SIT3808AI-C-28NE Specifications

Manufacturer Part NumberSIT3808AI-C-28NEManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-	Manufacturer Part Number	SIT3808AI-C-28NE
Package 6-SMD, No Lead Series SiT3808 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 80MHz Function - Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - 6-SMD, No Lead SiT3808 SiT3808 MEMS VCXO MEMS VCXO Programmable Oscillators 6-SMD, No Lead SiT3808 Lead SiT3808 Frequest SiT3808 LVCMOS SPOS Programmed as Request LVCMOS, LVTTL	Manufacturer	SiTIME
Package6-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-	Category	Crystals, Oscillators, Resonators
SeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-		Programmable Oscillators
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 80MHz Function - Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability + 10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings -	Package	6-SMD, No Lead
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Available Frequency Range Function - Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - AMHz ~ 80MHz - LVCMOS, LVTTL LVCMOS, LVTTL	Туре	MEMS VCXO
Function - Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings -	Programmable Type	Programmed as Request
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Voltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-	Function	-
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings +10ppm -40°C ~ 85°C 33mA - -	Output	LVCMOS, LVTTL
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - - - - - - - - - - - - -	Voltage - Supply	2.8V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings -	Frequency Stability	±10ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings -	Frequency Stability (Total)	-
Current - Supply (Max) 33mA Ratings -	Operating Temperature	-40°C ~ 85°C
Ratings -	Spread Spectrum Bandwidth	-
-	Current - Supply (Max)	33mA
Manutina Trus	Ratings	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 6-SMD, No Lead	Package / Case	6-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?

SIT3808AI-C-28NE 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.

SIT3808AI-C-28NE Payment Methods



















SIT3808AI-C-28NE Shipping Methods













If you have any question about SIT3808AI-C-28NE, please do not hesitate to contact us!

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