

SIT8008ACF3-25E

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SIT8008ACF3-25E Information

For Reference Only	Part Number	SIT8008ACF3-25E
	Manufacturer	SITIME
	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG LVCMOS 2.5V 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

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.



SIT8008ACF3-25E Specifications

ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPogrammable OscillatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzPoutputEnable/DisableOutputSVVoltage - Supply2.5VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)Sufface MountRatings-Anding TypeSufface MountPackage / CaseSufface MountSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)	-	
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Slicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-Pread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Ratings-Available TypeSurface MountPreadeage / CaseSurface MountAssention-Preadeage / Case0.31" (0.79mm)Height0.31" (0.79mm)	Manufacturer Part Number	SIT8008ACF3-25E
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Ataings-Avalating TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.01" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT8008TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Mouning TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.031" (0.79mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)±20ppmPrequency Stability (Total)-0°C ~ 70°COperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Series	SiT8008
Available Frequency RangeIMHz ~ 110MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.031" (0.79mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Programmable Type	Programmed as Request
OutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability±20pmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	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) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4.5MD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Function	Enable/Disable
Frequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Output	HCMOS, LVCMOS
Frequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Voltage - Supply	2.5V
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Operating Temperature	$-20^{\circ}C \sim 70^{\circ}C$
Ratings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT8008ACF3-25E 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

SIT8008ACF3-25E Payment Methods



SIT8008ACF3-25E Shipping Methods



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