

SIT1602ACF3-25E

Request a Quote

SIT1602ACF3-25E Information

	Part Number	SIT1602ACF3-25E
For Reference Only	Manufacturer	SiTIME
	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG LVCMOS 2.5V EN/DS 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



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.



SIT1602ACF3-25E Specifications

Manufacturer Part Number SITI 602ACF3-25E Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series SiTI 1602 Type MEMS (Silicon) Programmable Type Programma as Request Available Frequency Range 3.75MHz ~ 77.76MHz Surger Supply Enable/Disable Output HCMOS, LVCMOS Voltage Supply . Frequency Stability (Total) 4.20pm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth . Current - Supply (Max) 4.2mA Ratings . Mounting Type Surface Mount Package / Case 4.SMD, No Lead Size / Dimension 0.019" L x 0.126" W (5.00mm x 3.20mm)	-	
CategoryCrystals, Oscillators, Resonators Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzPructionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply-Prequency Stability (Total)2.5VPrequency Stability (Total)-Operating Temperature-Operating Temperature-Spread Spectrum Bandwidth-Current - Supply (Max)Sufface MountAtainage-Noutning TypeSufface MountMounting TypeSufface MountPackage / Case-Sire / Dimension1.091" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Manufacturer Part Number	SIT1602ACF3-25E
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-Operating Temperature-00°C ~ 70°COperating Temperature-Surged Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Auting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension1.091" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)+20pm, ±25pm, ±50pmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / CaseSurface MountSize / Dimension1.01°" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability-Frequency Stability (Total)2.0°C ~ 70°COperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Atings-Mounting TypeSurface MountPrekage / CaseSurface MountSize / Dimension0.01″' L x 0.126″ W (5.00mm x 3.20mm)Height0.031" (0.79mm)		Programmable Oscillators
TypeMEMS (silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)-20°C ~ 70°COperating Temperature2.0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPrekage / CaseSurface MountSize / Dimension1.01°" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 3.75MHz ~ 77.76MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V Frequency Stability - Frequency Stability (Total) ±20pm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.2mA Ratings - Mounting Type Surface Mount Package / Case 4.SMD, No Lead Size / Dimension 0.031" (0.79mm)	Series	SiT1602
Available Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability-Frequency Stability (Total)±20ppn, ±25ppn, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability-Frequency Stability (Total)±20pm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.019" L x 0.126" W (5.00mm x 3.20mm)	Programmable Type	Programmed as Request
OutputHCMOS, LVCMOSOutput2.5VFrequency Stability-Frequency Stability (Total)±20pm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-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	3.75MHz ~ 77.76MHz
Yoltage - Supply 2.5V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.2mA 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 (Total)-Frequency Stability (Total)±20pm, ±20ppm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Output	HCMOS, LVCMOS
Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.2mA 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) Height 0.031" (0.79mm)	Voltage - Supply	2.5V
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-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	-
Spread Spectrum Bandwidth - Current - Supply (Max) 4.2mA Ratings - Mounting Type Surface Mount 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)	Frequency Stability (Total)	± 20 ppm, ± 25 ppm, ± 50 ppm
Current - Supply (Max) 4.2mA Ratings - Mounting Type Surface Mount 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)	Operating Temperature	-20°C ~ 70°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)	4.2mA
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?

SIT1602ACF3-25E 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 Guarantees

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

SIT1602ACF3-25E Payment Methods



SIT1602ACF3-25E Shipping Methods



If you have any question about SIT1602ACF3-25E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com