

SIT1602ACE3-25E

Request a Quote

SIT1602ACE3-25E Information

Part Number	SIT1602ACE3-25E
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
	Manufacturer Category Description



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.



SIT1602ACE3-25E Specifications

ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzPoutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability-Frequency Stability (Total)2.0°C ~ 70°COperating Temperature0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mAARatings-Anating TypeSurface MountPackage / Case5.4%D, No LeadSired Programmed Spectrum Spectrum5.1%D, No LeadSpread Spectrum Spectrum6.1%D, No LeadSpread Spectrum Spectrum6.1%D, No LeadSpread Spectrum Spectrum5.1%D, No LeadSpread Spectrum Spectrum5.1%D, No LeadSpread Spectrum Spectrum5.1%D, No LeadSpread Spectrum5.1%D, No LeadSpectrum Spectrum5.1%D, No LeadSpectrum Spectrum5.1%D, No LeadSpectrum5.1%D, No LeadSpectrum5.1%D, No LeadSpectrum5.1%D, No LeadSpectrum5.1%D, No LeadSpectrum5.1%D, No LeadSpectrum5.2%D, No LeadSpectrum5.2%D, No LeadSpectrum5.2%D, No LeadSpectrum5.2%D, No LeadSpectrum5.2%D, No LeadSpectrum5.2%D, No L		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzPoutputEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply-Frequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-0°C ~ 7°CSpread Spectrum Bandwidth-Current - Supply (Max)-Ratings-Ausing TypeSurface MountProkage / CaseSurface MountPackage / Case-Sired Dipmension-Height0.31" (0.79mm)	Manufacturer Part Number	SIT1602ACE3-25E
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)+20ppm, ±25ppm, ±50ppmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT1602TypeMEMS (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-Ratings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension101″" 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-Output4.2mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension1.01°T Lx 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)-Prequency Stability (Total)-Operating Temperature-Spread Spectrum Bandwidth-Current - Supply (Max)4.2mARatings-Package / CaseSurface MountSize / Dimension0.197" 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 - 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 (Total)-Prequency Stability (Total)20°C ~ 70°COperating Temperature-Operating Supply (Max)4.2mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.97" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability (Total)±20pm, ±25ppm, ±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)	Programmable Type	Programmed as Request
DuringDuring HendelingOutputHCMOS, LVCMOSVoltage - Supply2.5VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±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.SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Function	Enable/Disable
Frequency Stability-Frequency Stability (Total) $\pm 20ppm, \pm 50ppm$ Operating Temperature $-20^{\circ}C \sim 70^{\circ}C$ Spread Spectrum Bandwidth-Current - Supply (Max) $4.2mA$ Ratings-Mounting TypeSurface MountPackage / Case $4.5MD, No Lead$ Size / Dimension $0.197" L x 0.126" W (5.00mm x 3.20mm)$ Height $0.031" (0.79mm)$	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.SMD, 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)4.2mARatings-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 (Total)	±20ppm, ±25ppm, ±50ppm
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)	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?

E-mail: salesdept@heisener.com

SIT1602ACE3-25E 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.

SIT1602ACE3-25E Payment Methods





If you have any question about SIT1602ACE3-25E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com