

SIT1602BIE2-XXE

Request a Quote

SIT1602BIE2-XXE Information

	Part Number	SIT1602BIE2-XXE
	Manufacturer	SiTIME
	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG LVCMOS 2.25-3.63V EN/DS
	Package	4-SMD, No Lead
		For the pricing/inventory/lead time, please contact
		us
For Reference Only		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.



SIT1602BIE2-XXE Specifications

Manufacturer Part Number SITI 602BIE2-XXE Manufacturer SITIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Stries SiTI 1602 Type MEMS (Silicon) Programmable Type Programma as Request Available Frequency Range 3.57MHz ~ 77.76MHz Output LVCMOS Voltage - Supply 5.5 V ~ 3.3 V Frequency Stability - Frequency Stability - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Nounting Type Surface Mount Package / Case 4.5MD, No Lead Size / Dimension 0.126° L x 0.098° W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	-	
CategoryCrystals, Oscillators, Resonators Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range5.7MHz ~ 77.76MHzPoutorionEnable/DisableOutputLVCMOSVoltage - Supply-Prequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-Output-Spread Spectrum Bandwidth-Current - Supply (Max)-Ratings-Anding TypeSurface MountMunting TypeSurface MountPackage / Case-Spread Spectrum Spectrum-Munting Type-Package / Case-Surface Mount-Package / Case-Spectrum Spectrum-Package / Case-Munting Type-Package / Case-Spectrum Spectrum-Spectrum Spectrum-Package / Case-Spectrum Spectrum-Spectrum Spectrum-Package / Case-Spectrum-Package / Case-Spectrum-Spectrum-Spectrum-Spectrum-Spectrum-Spectrum-Spectrum-Spectrum-Spectrum-Spect	Manufacturer Part Number	SIT1602BIE2-XXE
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability (Total)-Operating Temperature4.0°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)5.57MARatings-Auting TypeSufface MountMounting TypeSufface MountPackage / Case4.SMD, No LeadSize / Dimension1.026" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability (Total)+20pm, ±25pm, ±50pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / CaseSurface MountSize / Dimension1.26° L x 0.098° W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57 MHz ~ 77.76 MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)4.0°C ~ 85°COperating Temperature4.0°C ~ 85°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / CaseSurface MountSize / Dimension0.011°(0.79mm)		Programmable Oscillators
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Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 2.5 V ~ 3.3 V Frequency Stability - Frequency Stability (Total) ±20pm, ±25ppm, ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4.5MD, No Lead Size / Dimension 0.031" (0.79mm)	Series	SiT1602
Available Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppn, ±25ppn, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.012" (0.79mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.0126" L x 0.098" W (3.20mm x 2.50mm)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Available Frequency Range	3.57MHz ~ 77.76MHz
Yoltage - Supply 2.5 V ~ 3.3 V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Nounting Type Surface Mount Package / Case 4.5MD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Function	Enable/Disable
Frequency Stability (Total)-Frequency Stability (Total) $\pm 20ppn, \pm 50ppn$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Output	LVCMOS
Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4.5MD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Voltage - Supply	2.5 V ~ 3.3 V
Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Frequency Stability	-
Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Frequency Stability (Total)	± 20 ppm, ± 25 ppm, ± 50 ppm
Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT1602BIE2-XXE 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.

SIT1602BIE2-XXE Payment Methods



SIT1602BIE2-XXE Shipping Methods



If you have any question about SIT1602BIE2-XXE, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com