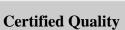


## SIT1602BCE2-XXS

Request a Quote

#### SIT1602BCE2-XXS Information

	Part Number	SIT1602BCE2-XXS
	Manufacturer	SiTIME
	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG LVCMOS 2.25V-3.63V STBY
	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



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.



### SIT1602BCE2-XXS Specifications

ManufacturerSiTIMECreystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602StripeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzPoutputLVCMOSOutput2.5 V ~ 3.3 VVoltage - Supply-Prequency Stability (Total)-Prequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Ratings-Package / CaseSufface MountPackage / Case5.5MD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)	-	
Crivital Crivitals Oscillators, Resonators   Package 4-SMD, No Lead   Series SiT1602   Stries SiT1602   Programmable Type MEMS (silicon)   Programmable Type Programmed as Request   Available Frequency Range 3.57MHz ~ 77.76MHz   Purction Standby (Power Down)   Output LVCMOS   Voltage - Supply 2.5 V ~ 3.3 V   Frequency Stability (Total) ±20pm, ±25pm, ±50pm   Operating Temperature -0°C ~ 70°C   Spread Spectrum Bandwidth -   Current - Supply (Max) 4.5mA   Ratings -   Package / Case 4.SMD, No Lead   Size / Dimension 1.02°C * 0°C	Manufacturer Part Number	SIT1602BCE2-XXS
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Package / Case4.SMD, No LeadSize / Dimension0.126° 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 Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20pm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°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)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Nounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Series	SiT1602
Available Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total) $\pm 20pm, \pm 25pm, \pm 50pm$ Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.0126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Туре	MEMS (Silicon)
FunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20pm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°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)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°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 - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°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)	Function	Standby (Power Down)
Frequency Stability-Frequency Stability (Total) $\pm 20ppm, \pm 50ppm$ Operating Temperature $-20^{\circ}C \sim 70^{\circ}C$ Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, 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, ±50ppmOperating Temperature-20°C ~ 70°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)	Voltage - Supply	2.5 V ~ 3.3 V
Operating Temperature-20°C ~ 70°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)	±20ppm, ±25ppm, ±50ppm
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	$-20^{\circ}C \sim 70^{\circ}C$
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?

#### SIT1602BCE2-XXS 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.

#### SIT1602BCE2-XXS Payment Methods





If you have any question about SIT1602BCE2-XXS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com