

## SIT1602AIR2-XXE

Request a Quote

### SIT1602AIR2-XXE Information

	Part Number Manufacturer Category	Crystals, Oscillators, Resonators
	Description Package	Programmable Oscillators OSC PROG LVCMOS 2.25-3.63V EN/DS 4-SMD, No Lead For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## SIT1602AIR2-XXE Specifications

ManufacturerSTIMECrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadPackageSi T1602Pogrammable TypeMEMS (Silcon)Programmable Type700 grammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzPoutonHCMOS, LVCMOSPouton2.5 V ~ 3.63 VVoltage - Supply-Prequency Stability (Total)-Prequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Atings-Atings-Package / Case4.5MD, No LeadSite / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)	-		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602SeriesSiT1602Programmable TypeMEMS (Slicon)Programmable Type7.75MHz ~ 77.76MHzAvailable Frequency Range3.75MHz ~ 77.76MHzPoutputEnable/DisableOutput1.25 V ~ 3.63 VVoltage - Supply-Prequency Stability (Total)-Prequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Advanting TypeSurface Mounting TypePackage / Case4.5MD, No LeadSiter / Dimension0.031" (0.79mm)Height0.031" (0.79mm)	Manufacturer Part Number	SIT1602AIR2-XXE	
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Programmed as Perperature440°C ~ 85°CCurrent - Supply (Max)4.5mARatings-Current - Supply (Max)4.5mARatings-Sackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)Height0.031" (0.79mm)	Manufacturer	SiTIME	
Package4-SMD, No LeadSeriesSiT1602FypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability (Total)+20ppm, ±25ppm, ±50ppmOperating Temperature4.0°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Package / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Category	Crystals, Oscillators, Resonators	
SeriesSiT1602FypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzPrunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mAAtings-Package / 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 Range3.75MHz ~ 77.76MHzAvailable Frequency RangeEnable/DisableFunctionHCMOS, LVCMOSOutput2.25 V ~ 3.63 VVoltage - Supply2.25 V ~ 3.63 VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-40°C ~ 85°CCurrent - Supply (Max)-Ratings-Autings TypeSurface MountPackage / CaseSurface MountPackage / Case0.126° L x 0.098° W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Package	4-SMD, No Lead	
Programmable TypeProgrammed as RequestProgrammed as Request3.75MHz ~ 77.76MHzAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread 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)	Series	SiT1602	
Available Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppn, ±25ppn, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Voltage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Туре	MEMS (Silicon)	
FunctionEnable/DisableDutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Package / Case4.5MD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Programmable Type	Programmed as Request	
DutputHCMOS, LVCMOSVoltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Package / CaseSurface MountPackage / Case0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Available Frequency Range	3.75MHz ~ 77.76MHz	
Voltage - Supply2.25 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±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)	Function	Enable/Disable	
Frequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±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)	Output	HCMOS, LVCMOS	
Frequency Stability (Total)±20ppm, ±25ppm, ±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)	Voltage - Supply	2.25 V ~ 3.63 V	
Derating 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)	$\pm 20$ ppm, $\pm 25$ ppm, $\pm 50$ 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?

### SIT1602AIR2-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.

## SIT1602AIR2-XXE Payment Methods



## SIT1602AIR2-XXE Shipping Methods



If you have any question about SIT1602AIR2-XXE, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com