

SIT1602BIB7-XXE

SIT1602BIB7-XXE Information

Heisener.com	Part Number Manufacturer Category Description Package	SIT1602BIB7-XXE SiTIME Crystals, Oscillators, Resonators 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	Request a Quote

Certified Quality

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SIT1602BIB7-XXE Specifications

ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPogrammable OscillatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeRogrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzPoutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability (Total)-Prequency Stability (Total)-Prequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Manufa TypeSurface MountPackage / CaseSurface MountSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeRogrammad as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzPoutputEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-Output4.0°C ~ 85°CCurrent - Supply (Max)5.1%ARatings-Nouting TypeSurface MountPrekage / CaseSurface MountPrekage / Case0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Manufacturer Part Number	SIT1602BIB7-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)+20ppm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (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-Frequency Stability (Total)±20ppn, ±25ppn, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20pm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)Surface MountRatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)		Programmable Oscillators
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Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20pm, ±25ppm, ±50ppmOperating Temperature-Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.031" (0.79mm)	Series	SiT1602
Available Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±20pm, ±25ppm, ±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Programmable Type	Programmed as Request
OutputLNCMOSOutputLVCMOSVoltage - Supply2.5 V ~ 3.3 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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)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 - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Function	Enable/Disable
Frequency Stability-Frequency Stability (Total) $\pm 20ppm, \pm 50ppm$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Output	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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Frequency Stability	-
Spread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Ratings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.079" L x 0.063" W (2.00mm x 1.60mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT1602BIB7-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.

SIT1602BIB7-XXE Payment Methods





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