



### SIT1602ACR3-30E Information



For Reference Only

Part Number SIT1602ACR3-30E

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 3V EN/DS SMD

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **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.









# **SIT1602ACR3-30E Specifications**

Manufacturer Part Number         STT1602ACR3-30E           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT1602           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         3.75MHz ~ 77.76MHz           Function         Enable/Disable           Output         HCMOS, LVCMOS           Voltage - Supply         3V           Frequency Stability         -           Frequency Stability (Total)         ±20ppm, ±25ppm, ±50ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.5mA           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)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT1602           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         3.75MHz ~ 77.76MHz           Function         Enable/Disable           Output         HCMOS, LVCMOS           Voltage - Supply         3V           Frequency Stability         -           Frequency Stability (Total)         ±20ppm, ±25ppm, ±50ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.5mA           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)	Manufacturer Part Number	SIT1602ACR3-30E
Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.75MHz ~ 77.76MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 3V Frequency Stability - Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA 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)	Manufacturer	SiTIME
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SeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.75MHz ~ 77.76MHzFunctionEnable/DisableOutputHCMOS, LVCMOSVoltage - Supply3VFrequency 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 / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request  Available Frequency Range 3.75MHz ~ 77.76MHz  Function Enable/Disable Output HCMOS, LVCMOS  Voltage - Supply 3V  Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA  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)	Package	4-SMD, No Lead
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Available Frequency Range  Function  Enable/Disable  Output  HCMOS, LVCMOS  Voltage - Supply  3V  Frequency Stability  - Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  3.75MHz ~ 77.76MHz  Enable/Disable  1.70  1.7	Туре	MEMS (Silicon)
Function Enable/Disable Output HCMOS, LVCMOS  Voltage - Supply 3V  Frequency Stability -  Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA  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)	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS  Voltage - Supply 3V  Frequency Stability	Available Frequency Range	3.75MHz ~ 77.76MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  3V   3V   Supply (Max)  4-20ppm, ±25ppm, ±50ppm  -20°C ~ 70°C  -20°C  -20°	Function	Enable/Disable
Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 4.5mA  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)	Output	HCMOS, LVCMOS
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Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA 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)	Frequency Stability (Total)	±20ppm, ±25ppm, ±50ppm
Current - Supply (Max)  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)	Operating Temperature	-20°C ~ 70°C
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)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Current - Supply (Max)	4.5mA
Package / Case       4-SMD, No Lead         Size / Dimension       0.197" L x 0.126" W (5.00mm x 3.20mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Mounting Type	Surface Mount
· · · · · · · · · · · · · · · · · · ·	Package / Case	4-SMD, No Lead
Height 0.031" (0.79mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
	Height	0.031" (0.79mm)
Report errors?		Report errors?

#### SIT1602ACR3-30E 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **SIT1602ACR3-30E Payment Methods**



















## SIT1602ACR3-30E Shipping Methods













If you have any question about SIT1602ACR3-30E, please do not hesitate to contact us!

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