



SIT1602BIU7-30E Information

Heisener.com

Part Number SIT1602BIU7-30E

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

For Reference Only Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

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.









SIT1602BIU7-30E Specifications

| Manufacturer Part Number STI 1602BIU7-30E Manufacturer STI IME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series STI 1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 2 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) | | |
|---|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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) | Manufacturer Part Number | SIT1602BIU7-30E |
| Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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) | Manufacturer | SiTIME |
| Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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) | Category | Crystals, Oscillators, Resonators |
| Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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) | | Programmable Oscillators |
| Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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) | Package | 4-SMD, No Lead |
| Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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 0.00000000000000000000000000000000000 | Series | SiT1602 |
| Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 3V Frequency Stability | Туре | MEMS (Silicon) |
| Function Enable/Disable Output LVCMOS Voltage - Supply 3V 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 0.031" (0.79mm) | Programmable Type | Programmed as Request |
| Output LVCMOS Voltage - Supply 3V 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) | Available Frequency Range | 3.57MHz ~ 77.76MHz |
| Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.031" (0.79mm) 3V 3V 3V 3V 3V 3V - Surface Mount +20ppm, ±25ppm, ±50ppm -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA - Surface Mount 4.5mA 0.079" L x 0.063" W (2.00mm x 1.60mm) Height | Function | Enable/Disable |
| Frequency Stability (Total) Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension O.079" L x 0.063" W (2.00mm x 1.60mm) Height - - - - - - - - - - - - - | Output | LVCMOS |
| Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm -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 +20ppm, ±25ppm, ±50ppm -40°C ~ 85°C - Surface Mount - Current - Supply (Max) - Current | Voltage - Supply | 3V |
| 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) | Frequency Stability | - |
| 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) | Frequency Stability (Total) | ±20ppm, ±25ppm, ±50ppm |
| Current - Supply (Max) 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) | Operating Temperature | -40°C ~ 85°C |
| 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) | Spread Spectrum Bandwidth | - |
| 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) | 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? |

SIT1602BIU7-30E 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.

SIT1602BIU7-30E Payment Methods



















SIT1602BIU7-30E Shipping Methods













If you have any question about SIT1602BIU7-30E, please do not hesitate to contact us!

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