



SIT9002AC-13H33EG Information



For Reference Only

Part Number SIT9002AC-13H33EG

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V EN/DS 25PPM

Package 6-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

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SIT9002AC-13H33EG Specifications

| Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) | | |
|--|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Manufacturer Part Number | SIT9002AC-13H33EG |
| Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Manufacturer | SiTIME |
| Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height | Category | Crystals, Oscillators, Resonators |
| Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.0000 MEMS As Request MEMS (Silicon) Programmed as Request MEMS (Silicon) Programmed as Request 1.0002 Height Sipinession Sirvey MEMS (Silicon) Programmed as Request 1.0002 Height Sipinession Sirvey Programmed as Request Programmed servey Prog | | Programmable Oscillators |
| Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.0031" (0.79mm) | Package | 6-SMD, No Lead |
| Programmable Type Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.031" (0.79mm) | Series | SiT9002 |
| Available Frequency Range Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth L1.00%, Center Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Output LVPECL 3.3V | Туре | MEMS (Silicon) |
| Function Enable/Disable Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.0031" (0.79mm) | Programmable Type | Programmed as Request |
| Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Available Frequency Range | 1MHz ~ 220MHz |
| Voltage - Supply 3.3V Frequency Stability +25ppm Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height | Function | Enable/Disable |
| Frequency Stability (Total) | Output | LVPECL |
| Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Voltage - Supply | 3.3V |
| Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 1.00\%$, Center SpreadCurrent - Supply (Max) 84mA Ratings-Mounting TypeSurface MountPackage / Case 6-SMD , No LeadSize / Dimension 0.197 " L x 0.126 " W $(5.00\text{mm x } 3.20\text{mm})$ Height 0.031 " (0.79mm) | Frequency Stability | ±25ppm |
| Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Frequency Stability (Total) | - |
| Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Operating Temperature | -20°C ~ 70°C |
| Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Spread Spectrum Bandwidth | ±1.00%, Center Spread |
| Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Current - Supply (Max) | 84mA |
| Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Ratings | - |
| Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm) | Mounting Type | Surface Mount |
| Height 0.031" (0.79mm) | Package / Case | 6-SMD, No Lead |
| | Size / Dimension | 0.197" L x 0.126" W (5.00mm x 3.20mm) |
| Report errors? | Height | 0.031" (0.79mm) |
| | | Report errors? |

SIT9002AC-13H33EG 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.

SIT9002AC-13H33EG Payment Methods



















SIT9002AC-13H33EG Shipping Methods













If you have any question about SIT9002AC-13H33EG, please do not hesitate to contact us!

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