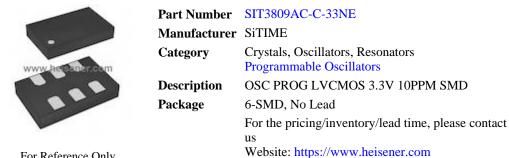


# SIT3809AC-C-33NE

Request a Quote

#### SIT3809AC-C-33NE Information



For Reference Only

## **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.



## SIT3809AC-C-33NE Specifications

| ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)-Prequency Stability (Total)-20°C ~ 70°COperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Ratings- |                             |   |
|--|-----------------------------|---|
| CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage6-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)-Prequency Stability (Total)-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36MARatings-   | Manufacturer Part Number    | SIT3809AC-C-33NE                                  |
| Programmable OscillatorsPackage6-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)-Frequency Stability (Total)-Operating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-   | Manufacturer                | SiTIME  |
| Package6-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)-Prequency Stability (Total)-20°C ~ 70°CSpread Spectrum Bandwidth-0Ratings-   | Category                    | Crystals, Oscillators, Resonators                 |
| SeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   |                             | Programmable Oscillators                          |
| TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)+10ppmPrequency Stability (Total)-20°C ~ 70°COperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-   | Package                     | 6-SMD, No Lead                                    |
| Programmable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-  | Series                      | SiT3809   |
| Available Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability (Total)+10pmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   | Туре                        | MEMS VCXO   |
| Function-OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   | Programmable Type           | Programmed as Request                             |
| OutputLVCMOS, LVTTLVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-  | Available Frequency Range   | 80MHz ~ 220MHz                                    |
| Voltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   | Function                    | -   |
| Frequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   | Output                      | LVCMOS, LVTTL                                     |
| Frequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-  | Voltage - Supply            | 3.3V  |
| Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-  | Frequency Stability         | ±10ppm  |
| Spread Spectrum Bandwidth-Current - Supply (Max)36mARatings-   | Frequency Stability (Total) | -   |
| Current - Supply (Max)36mARatings-   | Operating Temperature       | $-20^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$ |
| Ratings -  | Spread Spectrum Bandwidth   | -   |
| -  | Current - Supply (Max)      | 36mA  |
| Mounting Type Surface Mount  | Ratings                     | -   |
|  | Mounting Type               | Surface Mount                                     |
| Package / Case 6-SMD, No Lead  | Package / Case              | 6-SMD, No Lead                                    |
| Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)   | Size / Dimension            | 0.197" L x 0.126" W (5.00mm x 3.20mm)             |
| Height 0.031" (0.79mm)   | Height                      | 0.031" (0.79mm)                                   |
| Report errors?   |                             | Report errors?                                    |

E-mail: salesdept@heisener.com

#### SIT3809AC-C-33NE 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.

#### SIT3809AC-C-33NE Payment Methods



### SIT3809AC-C-33NE Shipping Methods



If you have any question about SIT3809AC-C-33NE, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com