



SIT3809AI-D-28SB Information



For Reference Only

Part Number SIT3809AI-D-28SB

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.8V STBY 10PPM

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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SIT3809AI-D-28SB Specifications

| Manufacturer Part Number SIT3809AI-D-28SB Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply ±10ppm Frequency Stability +10ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | | |
|--|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Manufacturer Part Number | SIT3809AI-D-28SB |
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| Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | | Programmable Oscillators |
| Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability + 10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 1000 1000 1000 1000 1000 1000 1000 10 | Package | 6-SMD, No Lead |
| Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000 | Series | SiT3809 |
| Available Frequency Range Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.039" (1.00mm) Standby LVCMOS, LVTTL 2.8V Frequency Stability - 4.0°C ~ 85°C Spread Spectrum Sandwidth - Current - Supply (Max) 36mA 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- | Туре | MEMS VCXO |
| Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.039" (1.00mm) Height Surface Mount | Programmable Type | Programmed as Request |
| Output LVCMOS, LVTTL Voltage - Supply 2.8V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Available Frequency Range | 80MHz ~ 220MHz |
| 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 Height 2.8V 2.8V 2.8V 2.8V ** ** ** ** ** ** ** ** ** ** ** ** | Function | Standby |
| Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height Loop Mount (Total) - Loop Mount (Total) - Loop Mount (Total) - Surface Mount - O.276" L x 0.197" W (7.00mm x 5.00mm) O.039" (1.00mm) | Output | LVCMOS, LVTTL |
| Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height | Voltage - Supply | 2.8V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Frequency Stability | ±10ppm |
| Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height - 0.039" (1.00mm) | Frequency Stability (Total) | - |
| Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Operating Temperature | -40°C ~ 85°C |
| Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Spread Spectrum Bandwidth | - |
| Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Current - Supply (Max) | 36mA |
| Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Ratings | - |
| Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm) | Mounting Type | Surface Mount |
| Height 0.039" (1.00mm) | Package / Case | 6-SMD, No Lead |
| , , | Size / Dimension | 0.276" L x 0.197" W (7.00mm x 5.00mm) |
| Report errors? | Height | 0.039" (1.00mm) |
| | | Report errors? |

SIT3809AI-D-28SB 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.

SIT3809AI-D-28SB Payment Methods



















SIT3809AI-D-28SB Shipping Methods













If you have any question about SIT3809AI-D-28SB, please do not hesitate to contact us!

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