

DSC6111HI1A-PROGRAMMABLE

DSC6111HI1A-PROGRAMMABLE Information



For Reference Only

Part Number DSC6111HI1A-PROGRAMMABLE

Manufacturer Microchip Technology

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC 1MHZ-100MHZ CMOS

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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DSC6111HI1A-PROGRAMMABLE Specifications

| Manufacturer Part Number DSC611HIIA-PROGRAMMABLE Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series DSC6100 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability + 50ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | | |
|--|-----------------------------|---------------------------------------|
| Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series DSC6100 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Manufacturer Part Number | DSC6111HI1A-PROGRAMMABLE |
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| Series DSC6100 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | | Programmable Oscillators |
| TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 100MHzFunctionStandbyOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)3mA (Typ)RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.063" L x 0.047" W (1.60mm x 1.20mm)Height0.035" (0.89mm) | Package | 4-SMD, No Lead |
| Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 1.000 1. | Series | DSC6100 |
| Available Frequency Range Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.035" (0.89mm) | Туре | MEMS (Silicon) |
| Function Standby Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.005" (0.89mm) | Programmable Type | Programmed as Request |
| Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Available Frequency Range | 1MHz ~ 100MHz |
| Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension Height 1.71 V ~ 3.63 V 1.71 V ~ 4.60 V 1.71 V ~ | Function | Standby |
| Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Output | CMOS |
| Frequency Stability (Total) ± 50 ppm Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth $-$ Current - Supply (Max) 3mA (Typ) Ratings $A\text{EC-Q100}$ Mounting Type $S\text{urface Mount}$ Package / Case $4-\text{SMD}$, No Lead Size / Dimension $0.063^{\circ}\text{L} \times 0.047^{\circ}\text{W} (1.60\text{mm} \times 1.20\text{mm})$ Height $0.035^{\circ}\text{(0.89\text{mm})}$ | Voltage - Supply | 1.71 V ~ 3.63 V |
| Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Frequency Stability | - |
| Spread Spectrum Bandwidth Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height | Frequency Stability (Total) | ±50ppm |
| Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Operating Temperature | -40°C ~ 85°C |
| Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Spread Spectrum Bandwidth | - |
| Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Current - Supply (Max) | 3mA (Typ) |
| Package / Case 4-SMD, No Lead Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Ratings | AEC-Q100 |
| Size / Dimension 0.063" L x 0.047" W (1.60mm x 1.20mm) Height 0.035" (0.89mm) | Mounting Type | Surface Mount |
| Height 0.035" (0.89mm) | Package / Case | 4-SMD, No Lead |
| | Size / Dimension | 0.063" L x 0.047" W (1.60mm x 1.20mm) |
| Report errors? | Height | 0.035" (0.89mm) |
| | | Report errors? |

DSC6111HI1A-PROGRAMMABLE Guarantees



Ouality 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.

DSC6111HI1A-PROGRAMMABLE Payment Methods



















DSC6111HI1A-PROGRAMMABLE Shipping Methods













If you have any question about DSC6111HI1A-PROGRAMMABLE, please do not hesitate to contact us!

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