

# DSC6003CI2A-000.0000

### DSC6003CI2A-000.0000 Information

www.fielsener.com	 DSC6003CI2A-000.0000 Microchip Technology Crystals, Oscillators, Resonators Programmable Oscillators PROG OSC 1MHZ-80MHZ CMOS 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.



## DSC6003CI2A-000.0000 Specifications

ManufacturerMicrochip TechnologyCategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)40°C ~ 85°COperating Temperature-Spread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsACC-Q100		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackagePackageSeriesDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionCMOSOutputVoltage - SupplyFrequency Stability (Total)+25pmOperating TemperatureA0°C ~ 85°CSpread Spectrum BandwidthActingsAttingsAttingsAttingsAttings	Manufacturer Part Number	DSC6003CI2A-000.0000
Programable OscillatorsPackage4-SMD, No LeadPackageDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)±25pmOperating Temperature-00°C ~ 85°COperating Temperature1.25mARatingsAEC-Q100	Manufacturer	Microchip Technology
Package4-SMD, No LeadSeriesDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°COperating Seried Spectrum Bandwidth1.25mARatingsAEC-Q100	Category	Crystals, Oscillators, Resonators
SeriesDSC60XXFypeMEMS (silicon)Programmable TypeBlank (User Must Program)Available Frequency Range1MHz ~ 80MHzFunctionEnable/DisableDutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency Range1MHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)±25ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Package	4-SMD, No Lead
Programmable TypeBlank (User Must Program)Programmable TypeIMHz ~ 80MHzAvailable Frequency RangeEnable/DisableFunctionCMOSOutput.8 V ~ 3.3 VVoltage - Supply.9Frequency Stability (Total)±25pmOperating Temperature.40°C ~ 85°CSpread Spectrum Bandwidth.Current - Supply (Max)I.25mARatingsAEC-Q100	Series	DSC60XX
Available Frequency Range1MHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability (Total)-Frequency Stability (Total)±25ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Programmable Type	Blank (User Must Program)
DutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±25ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Available Frequency Range	1MHz ~ 80MHz
Yoltage - Supply1.8 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Function	Enable/Disable
Frequency Stability-Frequency Stability (Total)±25pmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Output	CMOS
Frequency Stability (Total)±25ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Voltage - Supply	1.8 V ~ 3.3 V
Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)1.25mARatingsAEC-Q100	Frequency Stability	-
Spread Spectrum Bandwidth -   Current - Supply (Max) 1.25mA   Ratings AEC-Q100	Frequency Stability (Total)	±25ppm
Current - Supply (Max)1.25mARatingsAEC-Q100	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Ratings AEC-Q100	Spread Spectrum Bandwidth	-
	Current - Supply (Max)	1.25mA
	Ratings	AEC-Q100
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-SMD, No Lead	Package / Case	4-SMD, No Lead
Size / Dimension     0.126" L x 0.098" W (3.20mm x 2.50mm)	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Height 0.035" (0.90mm)	Height	0.035" (0.90mm)
Report errors?		Report errors?

### DSC6003CI2A-000.0000 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.

#### DSC6003CI2A-000.0000 Payment Methods





If you have any question about DSC6003CI2A-000.0000, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com