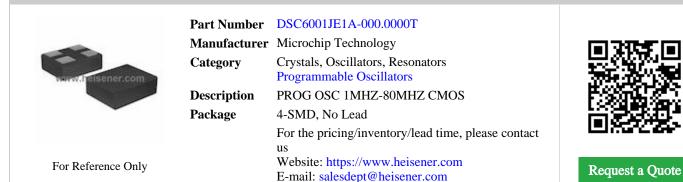


DSC6001JE1A-000.0000T

DSC6001JE1A-000.0000T Information



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.



DSC6001JE1A-000.0000T Specifications

Manufacturer Part NumberDSC6001JE1A-000.000TManufacturerMicrochip TechnologyCategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadPackageDSC60XXTypeDSC60XXTypeBlank (User Must Program)Available Frequency RangeMHZ ~ 80MHzFunctionEnabe/DisableVoltage - SupplyCMOSVoltage - Supply-Frequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case-Spread Spectrum Bandwidth-Package / Case0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)		
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability (Total)±50ppmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Manufacturer Part Number	DSC6001JE1A-000.0000T
Programmable OscillatorsPackage4-SMD, No LeadSeriesDSC60XXTypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability (Total)-Operating Temperature-00°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Manufacturer	Microchip Technology
Package4-SMD, No LeadSeriesDSC60XXTypeMEMS (Silicon)Programable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply.1/1 V ~ 3.63 VFrequency Stability (Total)±0pmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth.1RatingsACC-Q100Munting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.038" (0.89mm)	Category	Crystals, Oscillators, Resonators
SeriesDSC60XXTypeMEMS (Silcon)Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.098° L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeBlak (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability (Total)-Prequency Stability (Total)50pmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-RatingsAEC-Q100Mounting TypeSurface MountPackage / Case0.98" L x 0.07" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Package	4-SMD, No Lead
Programmable TypeBlank (User Must Program)Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Series	DSC60XX
Available Frequency RangeIMHz ~ 80MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Туре	MEMS (Silicon)
FunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Programmable Type	Blank (User Must Program)
OutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Available Frequency Range	1MHz ~ 80MHz
Yoltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 1.3mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4.SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)	Function	Enable/Disable
Frequency Stability (Total)-Frequency Stability (Total)±50pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Output	CMOS
Frequency Stability (Total)±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Voltage - Supply	1.71 V ~ 3.63 V
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Frequency Stability	-
No. 1No. 1Spread Spectrum Bandwidth-Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Frequency Stability (Total)	±50ppm
Current - Supply (Max)1.3mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Operating Temperature	-20°C ~ 70°C
RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Spread Spectrum Bandwidth	-
Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Current - Supply (Max)	1.3mA
Package / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.035" (0.89mm)	Ratings	AEC-Q100
Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.035" (0.89mm)	Mounting Type	Surface Mount
Height 0.035" (0.89mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Report errors?	Height	0.035" (0.89mm)
		Report errors?

DSC6001JE1A-000.0000T 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.

DSC6001JE1A-000.0000T Payment Methods





If you have any question about DSC6001JE1A-000.0000T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com