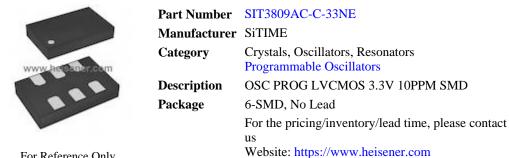


SIT3809AC-C-33NE

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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