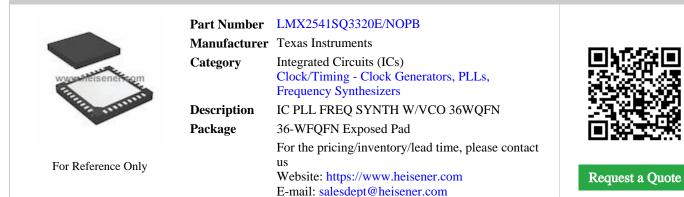


LMX2541SQ3320E/NOPB

LMX2541SQ3320E/NOPB 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.



LMX2541SQ3320E/NOPB Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage36-WFQFN Exposed PadSeries-TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature40°C ~ 85°CMounting TypeSo-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage36-WFQFN Exposed PadSeries-TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:Output3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOutputSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WEQFN (6x6)	Manufacturer Part Number	LMX2541SQ3320E/NOPB
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage36-WFQFN Exposed PadSeries-TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Manufacturer	Texas Instruments
Package36-WFQFN Exposed PadSeries-TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Category	Integrated Circuits (ICs)
Series-TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeFrequency Synthesizer (RF)TypeFrequency Synthesizer (RF)PLLYesInputClockOutputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Package	36-WFQFN Exposed Pad
PLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Series	-
InputClockOutputClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Туре	Frequency Synthesizer (RF)
AClockNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	PLL	Yes
Number of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Input	Clock
Ratio - Input:Output2:2Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Output	Clock
Differential - Input:OutputNo/NoFrequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Number of Circuits	1
Frequency - Max3.6GHzDivider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Ratio - Input:Output	2:2
Divider/MultiplierYes/YesVoltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Differential - Input:Output	No/No
Voltage - Supply3.15 V ~ 3.45 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Frequency - Max	3.6GHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Divider/Multiplier	Yes/Yes
Mounting TypeSurface MountPackage / Case36-WFQFN Exposed PadSupplier Device Package36-WQFN (6x6)	Voltage - Supply	3.15 V ~ 3.45 V
Package / Case 36-WFQFN Exposed Pad Supplier Device Package 36-WQFN (6x6)	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Supplier Device Package 36-WQFN (6x6)	Mounting Type	Surface Mount
	Package / Case	36-WFQFN Exposed Pad
Report errors?	Supplier Device Package	36-WQFN (6x6)
		Report errors?

LMX2541SQ3320E/NOPB 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.

LMX2541SQ3320E/NOPB Payment Methods



If you have any question about LMX2541SQ3320E/NOPB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com