

PL560-37QI-R

t a Quote

PL560-37QI-R Information

-	Part Number	PL560-37QI-R	
www.heiseta.com	Manufacturer	Microchip Technology	
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC VCXO 320MHZ 16QFN	68
	Package	16-WFQFN Exposed Pad	
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Req

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.



PL560-37QI-R Specifications

Manufacturer Part NumberPL560-37Q1-RManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-WFQFN Exposed PadSeries-Type-PLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max320MHzOutputSolo - S°CVoltage - SupplySurface MountOutput TypeSurface MountPrequency Case6-WFQFN Exposed PadDivider/MultiplerNo/NoPackage / Case6-WFQFN Exposed PadMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)			
CategoryIntegrated Circuits (ICs)Clock/Tining - Clock Generators, PLLs, Frequency SynthesizersPackageI6-WFQFN Exposed PadSeries-Type-PLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:OutputNo/NoPifferential - Input:Output30MHzDirider/MultiplierNo/YesVoltage - Supply-97 V ~ 3.63 VOutputSurface MountPreating Temperature-40°C ~ 85°CMounting Type16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Manufacturer Part Number	PL560-37QI-R	
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-WFQFN Exposed PadSeries-Type-PLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesOutput2.97 V ~ 3.63 VOutputSurface MountPredueng Temperature40°C ~ 85°CMounting Type16-WFQFN Exposed PadSupplier Device Package16-QFN (33)	Manufacturer	Microchip Technology	
Package16-WFQFN Exposed PadSeries-Type-TypeNoPLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOutputSurface MountMounting TypeSurface MountPackage / Case16-WFQEN Exposed PadSupplier Device Package16-QFN (3x3)	Category	Integrated Circuits (ICs)	
Series-Type-PLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max320MHzOituge - Supply.97 V ~ 3.63 VOperating Temperature.40°C ~ 85°CMounting TypeSurface MountFrequency - Rakage / Case16-QFN (3x3)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
Type-Type-PLLNoInputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Package	16-WFQFN Exposed Pad	
PLLNoPLLNoInputCrystalOutputLVCMOS, LVTTLOutput1Number of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating TemperatureAu°c ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Series	-	
InputCrystalOutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesOutpate - Supply2.97 V ~ 3.63 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case16-WFQFNEApole MailSupplier Device Package16-QFN (3x3)	Туре	-	
OutputLVCMOS, LVTTLNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	PLL	No	
Number of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Input	Crystal	
Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Output	LVCMOS, LVTTL	
Differential - Input:OutputNo/NoFrequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Number of Circuits	1	
Frequency - Max320MHzDivider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Ratio - Input:Output	1:1	
Divider/MultiplierNo/YesVoltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Differential - Input:Output	No/No	
Voltage - Supply2.97 V ~ 3.63 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Frequency - Max	320MHz	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Divider/Multiplier	No/Yes	
Mounting TypeSurface MountPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Voltage - Supply	2.97 V ~ 3.63 V	
Package / Case16-WFQFN Exposed PadSupplier Device Package16-QFN (3x3)	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package16-QFN (3x3)	Mounting Type	Surface Mount	
	Package / Case	16-WFQFN Exposed Pad	
Report errors?	Supplier Device Package	16-QFN (3x3)	
		Report errors?	

PL560-37QI-R 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

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

PL560-37QI-R Payment Methods



PL560-37QI-R Shipping Methods



If you have any question about PL560-37QI-R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com