

# 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