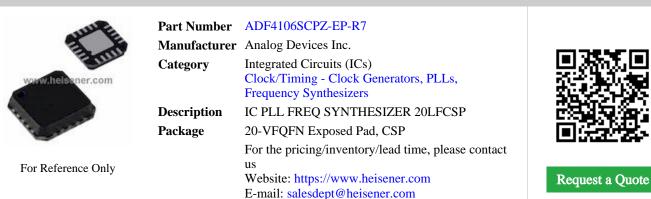
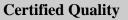


# ADF4106SCPZ-EP-R7

#### ADF4106SCPZ-EP-R7 Information





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.



# ADF4106SCPZ-EP-R7 Specifications

Series -   Type Frequency Synthesizer   PLL Yes   Input CMOS, TTL   Output Clock   Number of Circuits 1   Ratio - Input:Output 2:1   Differential - Input:Output Yes/No   Frequency - Max 6GHz   Voltage - Supply 2:7 V ~ 3.3 V   Operating Temperature -5°C ~ 125°C   Mounting Type Surface Mount   Package / Case 20-LFCSP-VQ (4x4)		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-VFQFN Exposed Pad, CSPSeries-TypeFrequency SynthesizerPLLYesInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzNolage - Supply2:7 V ~ 3.3 VOutput Supply5°C ~ 125°CMounting TypeSurface MountPackage / Case0-VFQFN Exposed Pad, CSPSupplier Device Package0-UFCSP-VQ (4x4)	Manufacturer Part Number	ADF4106SCPZ-EP-R7
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-VFQFN Exposed Pad, CSPSeries-TypeFrequency SynthesizerPLLYesInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzPoirader Supply2.7 V ~ 3.3 VOutpat Supply55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-UFCSP-VQ (4x4)	Manufacturer	Analog Devices Inc.
Package20-VFQFN Exposed Pad, CSPSeries-TypeFrequency SynthesizerPLLYesInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Category	Integrated Circuits (ICs)
Series -   Type Frequency Synthesizer   PLL Yes   Input CMOS, TTL   Output Clock   Number of Circuits 1   Ratio - Input:Output 2:1   Differential - Input:Output Yes/No   Frequency - Max 6GHz   Voltage - Supply 2:7 V ~ 3.3 V   Operating Temperature -5°C ~ 125°C   Mounting Type Surface Mount   Package / Case 20-LFCSP-VQ (4x4)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Type Frequency Synthesizer   PLL Frequency Synthesizer   PLL Yes   Input CMOS, TTL   Output Clock   Number of Circuits 1   Ratio - Input:Output 2:1   Differential - Input:Output Yes/No   Frequency - Max 6GHz   Voltage - Supply 2:7 v - 3.3 V   Operating Temperature Sor ° 2:5°C   Mounting Type Surface Mount   Package / Case 0-VFQEN Exposed Pad, CSP   Supplier Device Package 20-LFCSP-VQ (4x4)	Package	20-VFQFN Exposed Pad, CSP
PLLYesInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Series	-
InputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - MaxGGHzDivider/MultiplierYes/NoVoltage - Supply2:1 V ~ 3:3 VOperating TemperatureSor ~ 125°CMounting TypeSurface MountPackage / Case20-VFQENAEABABSupplier Device Package0-LFCSP-VQ (4x4)	Туре	Frequency Synthesizer
OutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	PLL	Yes
Number of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Input	CMOS, TTL
Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQEN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Output	Clock
Differential - Input:OutputYes/NoFrequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Number of Circuits	1
Frequency - Max6GHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Ratio - Input:Output	2:1
Divider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Differential - Input:Output	Yes/No
Voltage - Supply2.7 V ~ 3.3 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Frequency - Max	6GHz
Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Voltage - Supply	2.7 V ~ 3.3 V
Package / Case20-VFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-VQ (4x4)	Operating Temperature	-55°C ~ 125°C
Supplier Device Package20-LFCSP-VQ (4x4)	Mounting Type	Surface Mount
	Package / Case	20-VFQFN Exposed Pad, CSP
Report errors?	Supplier Device Package	20-LFCSP-VQ (4x4)
http://thildi.		Report errors?

# ADF4106SCPZ-EP-R7 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.

### ADF4106SCPZ-EP-R7 Payment Methods



If you have any question about ADF4106SCPZ-EP-R7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com