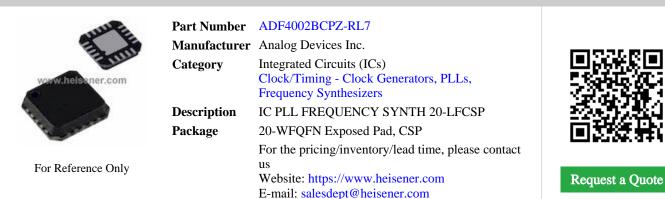


ADF4002BCPZ-RL7

ADF4002BCPZ-RL7 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.



ADF4002BCPZ-RL7 Specifications

Manufacturer Part Number ADF4002BCPZ-RL7 Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 20-WFQFN Exposed Pad, CSP Series - Type Clock/Frequency Synthesizer (RF), Phase Detector PLL Yes with Bypass Input Clock Output Clock Number of Circuits 1 Ratio - Input:Output Ser/No Series-Max 400MHz Divider/Multiplier Yes/No Voltage - Supply Surface Mount Package / Case Output Ser/Se Mounting Type Surface Mount Package / Case Output Ser/Ser/Ser/Ser/Ser/Ser/Ser/Ser/Ser/Ser/		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-WFQFN Exposed Pad, CSPSeries-TypeClock/Frequency Synthesizer (RF), Phase DetectorPLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzVoltage - Supply2:7 V ~ 3.3 VOutput-Output-Series-Sundar Type-Sundar Supply-Output-Series-Sundar Supply-Output-Surface MountSurface Mount-Surface Mount-Suppler Device Package0-UFCSF-WQ (4x4)	Manufacturer Part Number	ADF4002BCPZ-RL7
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-WFQFN Exposed Pad, CSPSeries-TypeClock/Frequency Synthesizer (RF), Phase DetectorPLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzVoltage - Supply2.7 V ~ 3.3 VOutputSurface MountMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Manufacturer	Analog Devices Inc.
Package20-WFQFN Exposed Pad, CSPSeries-TypeClock/Frequency Synthesizer (RF), Phase DetectorPLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Category	Integrated Circuits (ICs)
Series-TypeClock/Frequency Synthesizer (RF), Phase DetectorPLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzVoltage - Supply2:7 V ~ 3.3 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case0:4FCSP-WQ (4x4)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeClock/Frequency Synthesizer (RF), Phase DetectorPLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzVoltage - Supply2.7 V ~ 3.3 VOperating Temperature4.0°C ~ 85°CMounting TypeSufface MountPackage / Case0WFQFN Exposed Pad, CSPSupplier Device Package0LFCSP-WQ (4x4)	Package	20-WFQFN Exposed Pad, CSP
PLLYes with BypassInputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzVoltage - Supply2:7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case0-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Series	-
InputCMOS, TTLOutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case20-WFQFNEAged Pad, CSP-WQ (4x4)	Туре	Clock/Frequency Synthesizer (RF), Phase Detector
OutputClockNumber of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Input	CMOS, TTL
Ratio - Input:Output2:1Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case0.9WFQFN Exposed Pad, CSPSupplier Device Package0-LFCSP-WQ (4x4)	Output	Clock
Inter-tryin or up and tryinInter-Differential - Input:OutputYes/NoFrequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Number of Circuits	1
Frequency - Max400MHzDivider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Ratio - Input:Output	2:1
Divider/MultiplierYes/NoVoltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Differential - Input:Output	Yes/No
Voltage - Supply2.7 V ~ 3.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Frequency - Max	400MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Voltage - Supply	2.7 V ~ 3.3 V
Package / Case20-WFQFN Exposed Pad, CSPSupplier Device Package20-LFCSP-WQ (4x4)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package20-LFCSP-WQ (4x4)	Mounting Type	Surface Mount
	Package / Case	20-WFQFN Exposed Pad, CSP
Report errors?	Supplier Device Package	20-LFCSP-WQ (4x4)
		Report errors?

ADF4002BCPZ-RL7 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.

ADF4002BCPZ-RL7 Payment Methods





If you have any question about ADF4002BCPZ-RL7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com