

ADF7020BCPZ

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ADF7020BCPZ Information

www.helestree.com	Part Number	ADF7020BCPZ	
	Manufacturer	Analog Devices Inc.	
	Category	RF/IF and RFID RF Transceiver ICs	
	Description	IC RF TXRX ISM<1GHZ 48-VFQFN	
	Package	48-VFQFN Exposed Pad, CSP	
•		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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.



ADF7020BCPZ Specifications

ManufacturerAnalog Devices Inc.CategoryRF/IF and RFIDRF Transceiver ICsPackage48-VFQFN Exposed Pad, CSPSeries-Series-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHzProtocol-ModulationASK, FSK, GSSK, GMSK, MSK, OOK, O-QPSKPrequency431MHz ~ 478MHz, 862MHz ~ 956MHzPower - Output13dBm (Max)Sensitivity-119.2dBmMemory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Fransmitting14.8mA ~ 28.5mAOperating Temperature40°C ~ 85°C	-			
CategoryRF/I and RFID RF Transceiver ICsPackage48-VFQFN Exposed Pad, CSPSeries-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHz	Manufacturer Part Number	ADF7020BCPZ		
RF Transceiver ICs Package 48-VFQFN Exposed Pad, CSP Series - Type TxRx Only RF Family/Standard General ISM < 1GHz	Manufacturer	Analog Devices Inc.		
Package48-VFQFN Exposed Pad, CSPSeries-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHz	Category	RF/IF and RFID		
Series - Type TxRx Only RF Family/Standard General ISM < 1GHz		RF Transceiver ICs		
Type TxRx Only RF Family/Standard General ISM < 1GHz	Package	48-VFQFN Exposed Pad, CSP		
Br General ISM < 1GHz Protocol - Modulation ASK, FSK, GFSK, GMSK, MSK, OOK, O-QPSK Frequency 431MHz ~ 478MHz, 862MHz ~ 956MHz Data Rate (Max) 200kbps Power - Output 13dBm (Max) Sensitivity -119.2dBm Memory Size - Serial Interfaces SPI GPIO - Voltage - Supply 2.3 V ~ 3.6 V Current - Receiving 19mA ~ 21mA Current - Transmitting 14.8mA ~ 28.5mA Operating Temperature -40°C ~ 85°C Package / Case 48-VFQFN Exposed Pad, CSP	Series	-		
Protocol - Modulation ASK, FSK, GFSK, GMSK, MSK, OOK, O-QPSK Frequency 431MHz ~ 478MHz, 862MHz ~ 956MHz Data Rate (Max) 200kbps Power - Output 13dBm (Max) Power - Output 13dBm (Max) Sensitivity -119.2dBm Memory Size - Serial Interfaces SPI GPIO - Voltage - Supply 2.3 V ~ 3.6 V Current - Receiving 19mA ~ 21mA Operating Temperature 40°C ~ 85°C Package / Case 48-VFQFN Exposed Pad, CSP	Туре	TxRx Only		
Modulation ASK, FSK, GFSK, GMSK, MSK, OOK, O-QPSK Frequency 431MHz ~ 478MHz, 862MHz ~ 956MHz Data Rate (Max) 200kbps Dower - Output 13dBm (Max) Power - Output 13dBm (Max) Sensitivity -119.2dBm Memory Size - Serial Interfaces SPI GPIO - Voltage - Supply 2.3 V ~ 3.6 V Current - Receiving 19mA ~ 21mA Operating Temperature 440°C ~ 85°C Package / Case 48-VFQFN Exposed Pad, CSP	RF Family/Standard	General ISM < 1GHz		
Frequency 431MHz ~ 478MHz, 862MHz ~ 956MHz Data Rate (Max) 200kbps Power - Output 13dBm (Max) Sensitivity -119.2dBm Memory Size - Serial Interfaces SPI GPIO - Voltage - Supply 2.3 V ~ 3.6 V Current - Receiving 19mA ~ 21mA Operating Temperature -40°C ~ 85°C Package / Case 48-VFQFN Exposed Pad, CSP	Protocol	-		
Data Rate (Max) 200kbps Power - Output 13dBm (Max) Sensitivity -119.2dBm Memory Size - Serial Interfaces SPI GPIO - Voltage - Supply 2.3 V ~ 3.6 V Current - Receiving 19mA ~ 21mA Operating Temperature -40°C ~ 85°C Package / Case 48-VFQFN Exposed Pad, CSP	Modulation	ASK, FSK, GFSK, GMSK, MSK, OOK, O-QPSK		
Power - Output13dBm (Max)Sensitivity-119.2dBmMemory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Frequency	431MHz ~ 478MHz, 862MHz ~ 956MHz		
Sensitivity-119.2dBmMemory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Data Rate (Max)	200kbps		
Memory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Power - Output	13dBm (Max)		
Serial InterfacesSPIGPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Sensitivity	-119.2dBm		
GPIO-Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Memory Size	-		
Voltage - Supply2.3 V ~ 3.6 VCurrent - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Serial Interfaces	SPI		
Current - Receiving19mA ~ 21mACurrent - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	GPIO	-		
Current - Transmitting14.8mA ~ 28.5mAOperating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Voltage - Supply	2.3 V ~ 3.6 V		
Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed Pad, CSP	Current - Receiving	19mA ~ 21mA		
Package / Case 48-VFQFN Exposed Pad, CSP	Current - Transmitting	14.8mA ~ 28.5mA		
-	Operating Temperature	-40°C ~ 85°C		
Report errors?	Package / Case	48-VFQFN Exposed Pad, CSP		
		Report errors?		

ADF7020BCPZ 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 EUARANTEE

Service Guarantees

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

ADF7020BCPZ Payment Methods



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