

CC1111F16RSPR

Request a Quote

CC1111F16RSPR Information

	Part Number	CC1111F16RSPR	
	Manufacturer	Texas Instruments	
www.barters.com	Category	RF/IF and RFID RF Transceiver ICs	
	Description	IC RF TXRX+MCU ISM<1GHZ 36-VFQFN	
CC0. 55	Package	36-VFQFN Exposed Pad	
		For the pricing/inventory/lead time, please contact	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	

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.



CC1111F16RSPR Specifications

Manufacturer Part NumberCC1111F16RSPRManufacturerTexas InstrumentsCategoryRF/IF and RFIDRF Transceiver ICsPackage36-VFQFN Exposed PadSeries-TypeTxR + MCURF Family/StandardGeneral ISM < IGHZProtocol-Modulation2FSK, ASK, GFSK, MSK, OOKFrequency300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHzPower - Output10dBmSensitivity-112dBmMemory Size16k Flash, 2kB SRAMSerial Interfaces12, USART, USBGPIO9Voltage - Supply3 V ~ 3.6 VCurrent - Receiving18mA ~ 36.2mAOperating Temperature0°C ~ 8°CPackage / Case36-VFQFN Exposed Pad				
CategoryRF/F and RFIDRF Transceiver ICsPackage36-VFQFN Exposed PadSeries-TypeTxRx + MCURF Fanily/StandardGeneral ISM < 1GHz	Manufacturer Part Number	CC1111F16RSPR		
RF Transceiver ICsPackage36-VFQFN Exposed PadSeries-TypeTxRx + MCURF Family/StandardGeneral ISM < 1GHz	Manufacturer	Texas Instruments		
Package36-VFQFN Exposed PadSeries-TypeTxRx + MCURF Family/StandardGeneral ISM < 1GHz	Category	RF/IF and RFID		
Series-TypeTxRx + MCURF Family/StandardGeneral ISM < 1GHz		RF Transceiver ICs		
TypeTxRx + MCURF Family/StandardGeneral ISM < 1GHz	Package	36-VFQFN Exposed Pad		
RF General ISM < 1GHz Protocol - Modulation 2FSK, ASK, GFSK, MSK, OOK Frequency 300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHz Data Rate (Max) 500kBaud Power - Output 10dBm Sensitivity -112dBm Memory Size 16kB Flash, 2kB SRAM Serial Interfaces I2S, USART, USB GPIO 9 Voltage - Supply 3 V ~ 3.6 V Current - Receiving 16.2mA ~ 21.5mA Operating Temperature 0°C ~ 85°C	Series	-		
Protocol-Modulation2FSK, ASK, GFSK, MSK, OOKFrequency300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHzData Rate (Max)500kBaudPower - Output10dBmSensitivity-112dBmMemory Size16kB Flash, 2kB SRAMSerial Interfaces12S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving162mA ~ 21.5mAOperating Temperature0°C ~ 85°C	Туре	TxRx + MCU		
Modulation 2FSK, ASK, GFSK, MSK, OOK Frequency 300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHz Data Rate (Max) 500kBaud Power - Output 10dBm Sensitivity -112dBm Memory Size 16kB Flash, 2kB SRAM Serial Interfaces I2S, USART, USB GPIO 19 Voltage - Supply 3 V ~ 3.6 V Current - Receiving 16.2mA ~ 21.5mA Operating Temperature 0°C ~ 85°C	RF Family/Standard	General ISM < 1GHz		
Frequency300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHzData Rate (Max)500kBaudPower - Output10dBmSensitivity-112dBmMemory Size16kB Flash, 2kB SRAMSerial Interfaces12S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mAOperating Temperature0°C ~ 85°C	Protocol	-		
Data Rate (Max)500kBaudPower - Output10dBmSensitivity-112dBmMemory Size16kB Flash, 2kB SRAMSerial InterfacesI2S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Modulation	2FSK, ASK, GFSK, MSK, OOK		
Power - Output10dBmSensitivity-112dBmMemory Size16kB Flash, 2kB SRAMSerial InterfacesI2S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Frequency	300MHz ~ 348MHz, 391MHz ~ 464MHz, 782MHz ~ 928MHz		
Sensitivity-112dBmMemory Size16kB Flash, 2kB SRAMSerial InterfacesI2S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Data Rate (Max)	500kBaud		
Memory Size16kB Flash, 2kB SRAMSerial InterfacesI2S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Power - Output	10dBm		
Serial InterfacesI2S, USART, USBGPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Sensitivity	-112dBm		
GPIO19Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Memory Size	16kB Flash, 2kB SRAM		
Voltage - Supply3 V ~ 3.6 VCurrent - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Serial Interfaces	I2S, USART, USB		
Current - Receiving16.2mA ~ 21.5mACurrent - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	GPIO	19		
Current - Transmitting18mA ~ 36.2mAOperating Temperature0°C ~ 85°C	Voltage - Supply	3 V ~ 3.6 V		
Operating Temperature $0^{\circ}C \sim 85^{\circ}C$	Current - Receiving	16.2mA ~ 21.5mA		
	Current - Transmitting	18mA ~ 36.2mA		
Package / Case 36-VFQFN Exposed Pad	Operating Temperature	0° C ~ 85° C		
	Package / Case	36-VFQFN Exposed Pad		
Report err			Report errors?	

CC1111F16RSPR 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.

CC1111F16RSPR Payment Methods





If you have any question about CC1111F16RSPR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com