

# MC33696FJER2

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### MC33696FJER2 Information

www.hersenen.com	Part Number	MC33696FJER2
	Manufacturer	NXP
	Category	RF/IF and RFID RF Transceiver ICs
	Description	IC RF TXRX ISM<1GHZ 32-LQFP
	Package	32-LQFP
		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.



# MC33696FJER2 Specifications

Manufacturer NXP   RF/IF and RFID RF Transceiver ICs   Package 32-LQFP   Series 32-LQFP   Series -   Type TxRx Only   RF Family/Standard General ISM < 1GHz   Protocol -   Modulation FSK, OOK   Prequency 200MHz ~ 340MHz, 424MHz ~ 510MHz, 862MHz ~ 1.02GHz   Power - Output 2.6kbps   Power - Output 1.06.5dBm   Serial Interfaces SPI   GFIO -   Voltage - Supply 2.7 V ~ 3.6 V   Current - Receiving 0.3mA ~ 24mA   Operating Temperature 40°C ~ 85°C			
CategoryRF/IF and RFIDRF Transceiver ICsPackage32-LQFPSeries-Series-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHz	Manufacturer Part Number	MC33696FJER2	
RF Transceiver ICs   Package 32-LQFP   Series -   Type TxRx Only   RF Family/Standard General ISM < 1GHz	Manufacturer	NXP	
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Type TxRx Only   RF Family/Standard General ISM < 1GHz	Package	32-LQFP	
RF Family/Standard General ISM < 1GHz   Protocol -   Modulation FSK, OOK   Frequency 290MHz ~ 340MHz, 424MHz ~ 510MHz, 862MHz ~ 1.02GHz   Data Rate (Max) 22.6kbps   Power - Output 7.25dBm   Sensitivity -106.5dBm   Memory Size -   Serial Interfaces SPI   GPIO -   Voltage - Supply 2.7 V ~ 3.6 V   Current - Receiving 10.3mA ~ 24mA   Operating Temperature -40°C ~ 85°C   Package / Case 32-LQFP	Series	-	
Protocol -   Modulation FSK, OOK   Frequency 290MHz ~ 340MHz, 424MHz ~ 510MHz, 862MHz ~ 1.02GHz   Data Rate (Max) 22.6kbps   Power - Output 7.25dBm   Sensitivity -106.5dBm   Memory Size -   Serial Interfaces SPI   GPIO -   Voltage - Supply 2.7 V ~ 3.6 V   Current - Receiving 10.3mA ~ 24mA   Current - Transmitting 6.1mA ~ 13.5mA   Operating Temperature -40°C ~ 85°C   Package / Case 32-LQFP	Туре	TxRx Only	
Modulation FSK, OOK   Frequency 290MHz ~ 340MHz, 424MHz ~ 510MHz, 862MHz ~ 1.02GHz   Data Rate (Max) 22.6kbps   Power - Output 7.25dBm   Power - Output -106.5dBm   Memory Size -   Serial Interfaces SPI   GPIO -   Voltage - Supply 2.7 V ~ 3.6 V   Current - Receiving 10.3mA ~ 24mA   Operating Temperature -40°C ~ 85°C   Package / Case 32-LQFP	RF Family/Standard	General ISM < 1GHz	
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Power - Output7.25dBmSensitivity-106.5dBmMemory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.7 V ~ 3.6 VCurrent - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Frequency	290MHz ~ 340MHz, 424MHz ~ 510MHz, 862MHz ~ 1.02GHz	
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Memory Size-Serial InterfacesSPIGPIO-Voltage - Supply2.7 V ~ 3.6 VCurrent - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Power - Output	7.25dBm	
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Voltage - Supply2.7 V ~ 3.6 VCurrent - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Serial Interfaces	SPI	
Current - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	GPIO	-	
Current - Transmitting $6.1\text{mA} ~ 13.5\text{mA}$ Operating Temperature $-40^{\circ}\text{C} ~ 85^{\circ}\text{C}$ Package / Case $32\text{-LQFP}$	Voltage - Supply	2.7 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Current - Receiving	10.3mA ~ 24mA	
Package / Case 32-LQFP	Current - Transmitting	6.1mA ~ 13.5mA	
• · ·	Operating Temperature	-40°C ~ 85°C	
Report errors?	Package / Case	32-LQFP	
			Report errors?

#### MC33696FJER2 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 BUARANTEE

#### **Service Guarantees**

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

#### MC33696FJER2 Payment Methods



## MC33696FJER2 Shipping Methods



If you have any question about MC33696FJER2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com