

MC33696FJER2

Request a Quote

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	
Package32-LQFPSeries-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHz	Category	RF/IF and RFID	
Series-TypeTxRx OnlyRF Family/StandardGeneral ISM < 1GHz		RF Transceiver ICs	
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	
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	Protocol	-	
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	Modulation	FSK, OOK	
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	
Sensitivity-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	Data Rate (Max)	22.6kbps	
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	
Serial InterfacesSPIGPIO-Voltage - Supply2.7 V ~ 3.6 VCurrent - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Sensitivity	-106.5dBm	
GPIO-Voltage - Supply2.7 V ~ 3.6 VCurrent - Receiving10.3mA ~ 24mACurrent - Transmitting6.1mA ~ 13.5mAOperating Temperature-40°C ~ 85°CPackage / Case32-LQFP	Memory Size	-	
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-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