



NRF24E1G-REEL Information

Heisener.com

Part Number NRF24E1G-REEL

Manufacturer Nordic Semiconductor ASA

Category RF/IF and RFID

RF Transceiver ICs

Description IC RF TXRX+MCU ISM>1GHZ 36-VFQFN

Package 36-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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NRF24E1G-REEL Specifications

Manufacturer Part Number NRF24E1G-REEL Manufacturer Nordic Semiconductor ASA Category RF/IF and RFID RF Transceiver ICs Package 36-VFQFN Exposed Pad Series - Type TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 1Mbps Power - Output 0dBm Sensitivity -90dBm Memory Size 512B ROM, 4.25kB RAM Serial Interfaces SPI, UART GPIO 11 Voltage - Supply 1.9 V ~ 3.6 V Current - Receiving 18mA ~ 25mA Current - Transmitting 9mA ~ 13mA Operating Temperature 40°C ~ 85°C Package / Case 36-VFQFN Exposed Pad		
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Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 1Mbps Power - Output 0dBm Sensitivity -90dBm Memory Size 512B ROM, 4.25kB RAM Serial Interfaces SPI, UART GPIO 11 Voltage - Supply 1.9 V ~ 3.6 V Current - Receiving 18mA ~ 25mA Current - Transmitting 9mA ~ 13mA Operating Temperature -40°C ~ 85°C Package / Case 36-VFQFN Exposed Pad	Туре	TxRx + MCU
ModulationGFSKFrequency2.4GHzData Rate (Max)1MbpsPower - Output0dBmSensitivity-90dBmMemory Size512B ROM, 4.25kB RAMSerial InterfacesSPI, UARTGPIO11Voltage - Supply1.9 V ~ 3.6 VCurrent - Receiving18mA ~ 25mACurrent - Transmitting9mA ~ 13mAOperating Temperature-40°C ~ 85°CPackage / Case36-VFQFN Exposed Pad	RF Family/Standard	General ISM > 1GHZ
Frequency 2.4GHz Data Rate (Max) 1Mbps Power - Output 0dBm Sensitivity -90dBm Memory Size 512B ROM, 4.25kB RAM Serial Interfaces SPI, UART GPIO 11 Voltage - Supply 1.9 V ~ 3.6 V Current - Receiving 18mA ~ 25mA Current - Transmitting 9mA ~ 13mA Operating Temperature -40°C ~ 85°C Package / Case 36-VFQFN Exposed Pad	Protocol	-
Data Rate (Max)1MbpsPower - Output $0dBm$ Sensitivity-90dBmMemory Size $512B ROM, 4.25kB RAM$ Serial InterfacesSPI, UARTGPIO 11 Voltage - Supply $1.9 V \sim 3.6 V$ Current - Receiving $18mA \sim 25mA$ Current - Transmitting $9mA \sim 13mA$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case $36\text{-VFQFN Exposed Pad}$	Modulation	GFSK
Power - Output $0dBm$ Sensitivity $-90dBm$ Memory Size $512B$ ROM, $4.25kB$ RAMSerial InterfacesSPI, UARTGPIO 11 Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18mA \sim 25mA$ Current - Transmitting $9mA \sim 13mA$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 36-VFQFN Exposed Pad	Frequency	2.4GHz
Sensitivity -90dBm Memory Size 512B ROM, 4.25kB RAM Serial Interfaces SPI, UART GPIO 11 Voltage - Supply 1.9 V ~ 3.6 V Current - Receiving 18mA ~ 25mA Current - Transmitting 9mA ~ 13mA Operating Temperature -40°C ~ 85°C Package / Case 36-VFQFN Exposed Pad	Data Rate (Max)	1Mbps
Memory Size $512B$ ROM, $4.25kB$ RAMSerial InterfacesSPI, UARTGPIO 11 Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $9\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 36-VFQFN Exposed Pad	Power - Output	0dBm
Serial Interfaces SPI, UART GPIO 11 Voltage - Supply 1.9 V ~ 3.6 V Current - Receiving 18mA ~ 25mA Current - Transmitting 9mA ~ 13mA Operating Temperature -40°C ~ 85°C Package / Case 36-VFQFN Exposed Pad	Sensitivity	-90dBm
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Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $9\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $36\text{-VFQFN Exposed Pad}$	Serial Interfaces	SPI, UART
Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $9\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $36\text{-VFQFN Exposed Pad}$	GPIO	11
Current - Transmitting $9mA \sim 13mA$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case $36\text{-VFQFN Exposed Pad}$	Voltage - Supply	1.9 V ~ 3.6 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 36-VFQFN Exposed Pad	Current - Receiving	18mA ~ 25mA
Package / Case 36-VFQFN Exposed Pad	Current - Transmitting	9mA ~ 13mA
	Operating Temperature	-40°C ~ 85°C
Report errors?	Package / Case	36-VFQFN Exposed Pad
		Report errors?

NRF24E1G-REEL 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.

NRF24E1G-REEL Payment Methods



















NRF24E1G-REEL Shipping Methods













If you have any question about NRF24E1G-REEL, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com