

NRF24LU1P-O17Q32-R7

NRF24LU1P-O17Q32-R7 Information



For Reference Only

Part Number NRF24LU1P-O17Q32-R7
Manufacturer Nordic Semiconductor ASA

Category RF/IF and RFID RF Transceiver ICs

Description IC RF TXRX+MCU ISM>1GHZ 32-VFQFN

Package 32-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









NRF24LU1P-O17Q32-R7 Specifications

Manufacturer Part Number NRF24LUIP-O17Q32-R7 Manufacturer Nordic Semiconductor ASA Category RF/IF and RFID RF Transceiver ICs RF Transceiver ICs Package 32-VFQFN Exposed Pad Series - Type TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM Serial Interfaces SPI LIART LISB		
CategoryRF/IF and RFIDRF Transceiver ICsPackage32-VFQFN Exposed PadSeries-TypeTxRx + MCURF Family/StandardGeneral ISM > 1GHZProtocol-ModulationGFSKFrequency2.4GHzData Rate (Max)12MbpsPower - Output0dBmSensitivity-94dBmMemory Size17kB OTP, 2kB SRAM	Manufacturer Part Number	NRF24LU1P-O17Q32-R7
Package 32-VFQFN Exposed Pad Series - Type TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Manufacturer	Nordic Semiconductor ASA
Package 32-VFQFN Exposed Pad Series - Type TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Category	RF/IF and RFID
Series - TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM		RF Transceiver ICs
Type TxRx + MCU RF Family/Standard General ISM > 1GHZ Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Package	32-VFQFN Exposed Pad
RF Family/Standard Protocol Modulation GFSK Frequency Data Rate (Max) Power - Output Sensitivity Memory Size General ISM > 1GHZ	Series	-
Protocol - Modulation GFSK Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Type	TxRx + MCU
ModulationGFSKFrequency2.4GHzData Rate (Max)12MbpsPower - Output0dBmSensitivity-94dBmMemory Size17kB OTP, 2kB SRAM	RF Family/Standard	General ISM > 1GHZ
Frequency 2.4GHz Data Rate (Max) 12Mbps Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Protocol	-
Data Rate (Max) Power - Output Sensitivity OdBm -94dBm Memory Size 17kB OTP, 2kB SRAM	Modulation	GFSK
Power - Output 0dBm Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Frequency	2.4GHz
Sensitivity -94dBm Memory Size 17kB OTP, 2kB SRAM	Data Rate (Max)	12Mbps
Memory Size 17kB OTP, 2kB SRAM	Power - Output	0dBm
	Sensitivity	-94dBm
Serial Interfaces SPI UART USB	Memory Size	17kB OTP, 2kB SRAM
Strike interfaces	Serial Interfaces	SPI, UART, USB
GPIO 6	GPIO	6
Voltage - Supply $4 \text{ V} \sim 5.25 \text{ V}$	Voltage - Supply	4 V ~ 5.25 V
Current - Receiving 12.9mA ~ 13.3mA	Current - Receiving	12.9mA ~ 13.3mA
Current - Transmitting 11.1mA	Current - Transmitting	11.1mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Package / Case 32-VFQFN Exposed Pad	Package / Case	32-VFQFN Exposed Pad
Report errors?		Report errors?

NRF24LU1P-O17Q32-R7 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.

NRF24LU1P-O17Q32-R7 Payment Methods



















NRF24LU1P-O17Q32-R7 Shipping Methods













If you have any question about NRF24LU1P-O17Q32-R7, please do not hesitate to contact us!

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