



### NRF2401AG-REEL7 Information

Heisener.com

Part Number NRF2401AG-REEL7

Manufacturer Nordic Semiconductor ASA

**Category** RF/IF and RFID

RF Transceiver ICs

**Description** IC RF TXRX ISM>1GHZ 24-VQFN

Package 24-VQFN 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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## **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.









# NRF2401AG-REEL7 Specifications

Manufacturer Part Number         NRF2401AG-REFL7           Manufacturer         Nordic Semiconductor ASA           Category         RF/IF and RFID           RF Transceiver ICs         RF Transceiver ICs           Package         24-VQFN Exposed Pad           Series         -           Type         TxRx Only           RF Family/Standard         General ISM > 1GHZ           Protocol         -           Modulation         GFSK           Frequency         2.4GHz           Data Rate (Max)         1Mbps           Power - Output         0dBm           Sensitivity         -93dBm           Memory Size         -           Senial Interfaces         SPI           GPIO         -           Voltage - Supply         1.9 V ~ 3.6 V           Current - Receiving         18mA ~ 25mA           Current - Transmitting         8.8mA ~ 13mA           Operating Temperature         -40°C ~ 85°C           Package / Case         24-VQFN Exposed Pad		
Category         RF/IF and RFID           RF Transceiver ICs           Package         24-VQFN Exposed Pad           Series         -           Type         TxRx Only           RF Family/Standard         Geneal ISM > 1GHZ           Protocol         -           Modulation         GFSK           Frequency         2.4GHz           Data Rate (Max)         1Mbps           Power - Output         0dBm           Sensitivity         -93dBm           Memory Size         -           Serial Interfaces         SPI           GPIO         -           Voltage - Supply         1.9 V ~ 3.6 V           Current - Receiving         18mA ~ 25mA           Current - Transmitting         8.8m ~ 13mA           Operating Temperature         -40°C ~ 85°C           Package / Case         24-VQFN Exposed Pad	Manufacturer Part Number	NRF2401AG-REEL7
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RF Family/StandardGeneral ISM > 1GHZProtocol-ModulationGFSKFrequency $2.4$ GHzData Rate (Max)1MbpsPower - Output $0$ dBmSensitivity-93dBmMemory Size-Serial InterfacesSPIGPIO-Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $8.8\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-VQFN Exposed Pad}$	Series	-
Protocol         -           Modulation         GFSK           Frequency         2.4GHz           Data Rate (Max)         1Mbps           Power - Output         0dBm           Sensitivity         -93dBm           Memory Size         -           Serial Interfaces         SPI           GPIO         -           Voltage - Supply         1.9 V ~ 3.6 V           Current - Receiving         18mA ~ 25mA           Current - Transmitting         8.8mA ~ 13mA           Operating Temperature         -40°C ~ 85°C           Package / Case         24-VQFN Exposed Pad	Туре	TxRx Only
Modulation         GFSK           Frequency         2.4GHz           Data Rate (Max)         1Mbps           Power - Output         0dBm           Sensitivity         -93dBm           Memory Size         -           Serial Interfaces         SPI           GPIO         -           Voltage - Supply         1.9 V ~ 3.6 V           Current - Receiving         18mA ~ 25mA           Current - Transmitting         8.8mA ~ 13mA           Operating Temperature         -40°C ~ 85°C           Package / Case         24-VQFN Exposed Pad	RF Family/Standard	General ISM > 1GHZ
Frequency Data Rate (Max) 1Mbps  Power - Output 0dBm  Sensitivity -93dBm  Memory Size - Serial Interfaces SPI  GPIO - Voltage - Supply 1.9 V ~ 3.6 V  Current - Receiving 18mA ~ 25mA  Current - Transmitting 8.8mA ~ 13mA  Operating Temperature Package / Case 24-VQFN Exposed Pad	Protocol	-
Data Rate (Max) 1Mbps  Power - Output 0dBm  Sensitivity -93dBm  Memory Size - Serial Interfaces SPI  GPIO -  Voltage - Supply 1.9 V $\sim$ 3.6 V  Current - Receiving 18mA $\sim$ 25mA  Current - Transmitting 8.8mA $\sim$ 13mA  Operating Temperature -40°C $\sim$ 85°C  Package / Case 24-VQFN Exposed Pad	Modulation	GFSK
Power - Output $0dBm$ Sensitivity $-93dBm$ Memory Size-Serial InterfacesSPIGPIO-Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18mA \sim 25mA$ Current - Transmitting $8.8mA \sim 13mA$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24-\text{VQFN Exposed Pad}$	Frequency	2.4GHz
Sensitivity -93dBm  Memory Size -  Serial Interfaces SPI  GPIO -  Voltage - Supply 1.9 V ~ 3.6 V  Current - Receiving 18mA ~ 25mA  Current - Transmitting 8.8mA ~ 13mA  Operating Temperature -40°C ~ 85°C  Package / Case 24-VQFN Exposed Pad	Data Rate (Max)	1Mbps
Memory Size - Serial Interfaces SPI  GPIO - Voltage - Supply 1.9 V ~ 3.6 V  Current - Receiving 18mA ~ 25mA  Current - Transmitting 8.8mA ~ 13mA  Operating Temperature -40°C ~ 85°C  Package / Case 24-VQFN Exposed Pad	Power - Output	0dBm
Serial Interfaces  GPIO  -  Voltage - Supply  1.9 V ~ 3.6 V  Current - Receiving  18mA ~ 25mA  Current - Transmitting  8.8mA ~ 13mA  Operating Temperature  -40°C ~ 85°C  Package / Case  24-VQFN Exposed Pad	Sensitivity	-93dBm
GPIO -   Voltage - Supply	Memory Size	-
Voltage - Supply $1.9 \text{ V} \sim 3.6 \text{ V}$ Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $8.8\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-VQFN Exposed Pad}$	Serial Interfaces	SPI
Current - Receiving $18\text{mA} \sim 25\text{mA}$ Current - Transmitting $8.8\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-VQFN Exposed Pad}$	GPIO	-
Current - Transmitting $8.8\text{mA} \sim 13\text{mA}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-VQFN Exposed Pad}$	Voltage - Supply	1.9 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C Package / Case 24-VQFN Exposed Pad	Current - Receiving	18mA ~ 25mA
Package / Case 24-VQFN Exposed Pad	Current - Transmitting	8.8mA ~ 13mA
	Operating Temperature	-40°C ~ 85°C
Report errors?	Package / Case	24-VQFN Exposed Pad
		Report errors?

#### NRF2401AG-REEL7 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.

## NRF2401AG-REEL7 Payment Methods





















## NRF2401AG-REEL7 Shipping Methods













If you have any question about NRF2401AG-REEL7, please do not hesitate to contact us!

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