



NRF24LU1P-F16Q32-R7

Nordic Semiconductor

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

NRF24LU1P-F16Q32-R7.pdf

Lead free / RoHS Compliant

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REQUEST FOR QUOTATION

Specifications of NRF24LU1P-F16Q32-R7

PART NUMBER	NRF24LU1P-F16Q32-R7
MANUFACTURER	Nordic Semiconductor
DESCRIPTION	IC RF TXRX+MCU ISM>1GHZ 32-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	NRF24LU1P-F16Q32-R7.pdf
VOLTAGE - SUPPLY	4 V ~ 5.25 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	SPI, UART, USB
SENSITIVITY	-94dBm
RF FAMILY/STANDARD	General ISM > 1GHZ
PROTOCOL	-
POWER - OUTPUT	0dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	GFSK
MEMORY SIZE	16kB Flash, 2kB SRAM
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	6
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU General ISM > 1GHZ 2.4GHz 32-VFQFN Exposed Pad
DATA RATE (MAX)	12Mbps
CURRENT - TRANSMITTING	11.1mA
CURRENT - RECEIVING	12.9mA ~ 13.3mA

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