



NXP Semiconductors / Freescale

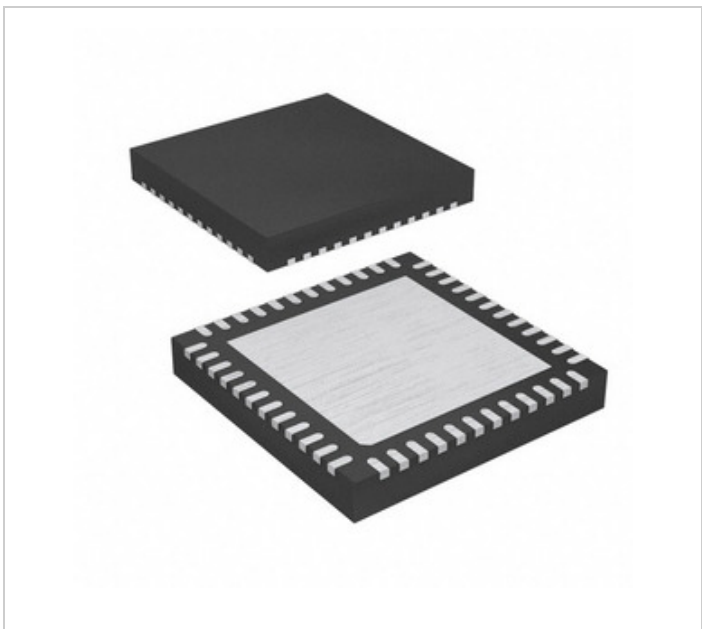


Image may be representation. See specifications for product details.

MC13233CR2

Part Number:	MC13233CR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC RF TXRX+MCU 802.15.4 48-VFQFN
Datasheets:	 MC13233CR2.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

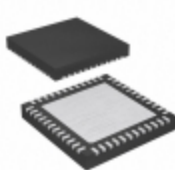
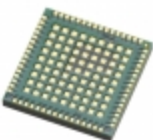
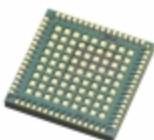
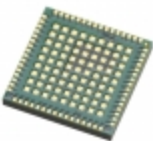
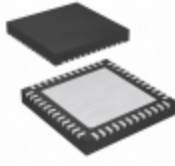
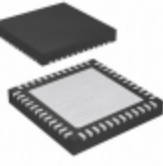
Specifications of MC13233CR2

PART NUMBER	MC13233CR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MC13233CR2.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-94dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	2dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	82kB Flash, 5kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	32
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	250kbps
CURRENT - TRANSMITTING	26.6mA
CURRENT - RECEIVING	22.3mA ~ 34.2mA

Related Tags

NXP Semiconductors / Freescale MC13233CR2	MC13233CR2 Distributor	MC13233CR2 Supplier
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Freescale Semiconductor - NXP MC13233CR2	NXP USA Inc. MC13233CR2	

Related Products

 MC13237CHT Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 48-VFLGA In stock: Out stock RFQ	 MC13226V Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 145TFLGA In stock: Out stock RFQ
 MC13214R2 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 71-LGA In stock: Out stock RFQ	 MC13226VR2 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 145TFLGA In stock: Out stock RFQ
 MC13224VR2 Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 145TFLGA In stock: Out stock RFQ	 MC13234CHTR Manufacturers: NXP Semiconductors / Freescale Description: S08 8-BIT MCU S08 CORE 128KB F In stock: Out stock RFQ
 MC1331 Manufacturers: Microsemi Description: RF POWER TRANSISTOR In stock: Out stock RFQ	 MC13224V Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 145TFLGA In stock: Out stock RFQ
 MC13233C Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	 MC13234CHT Manufacturers: NXP Semiconductors / Freescale Description: IC RF TXRX+MCU 802.15.4 48-VFLGA In stock: Out stock RFQ
 MC1330DIN Manufacturers: TDK-Lambda Americas, Inc. Description: LINE FILTER 30A DIN RAIL In stock: Out stock RFQ	 MC13237CHTR Manufacturers: NXP Semiconductors / Freescale Description: S08 8-BIT MCU S08 CORE 128KB F In stock: Out stock RFQ