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STMicroelectronics

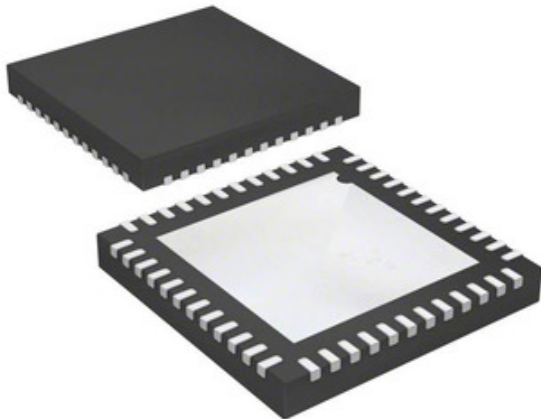


Image may be representation. See specifications for product details.

SN250Q

Part Number:	SN250Q
Manufacturer/Brand:	STMicroelectronics
Product description	IC RF TXRX+MCU 802.15.4 48-VFQFN
Datasheets:	 SN250Q.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9416 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

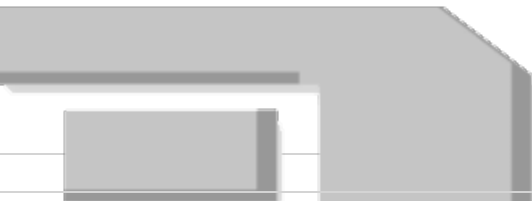
Specifications of SN250Q

PART NUMBER	SN250Q
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9416 pcs
DATA SHEET	 SN250Q.pdf
VOLTAGE - SUPPLY	2.1 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-98dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	5dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	128kB Flash, 5kB SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	17
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	12Mbps
CURRENT - TRANSMITTING	19.5mA ~ 35.5mA
CURRENT - RECEIVING	27mA ~ 35.5mA

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 SN2R2M025ST Manufacturers: Cornell Dubilier Electronics Description: CAP ALUM 2.2UF 20% 25V RADIAL In stock: 134899 pcs RFQ	 SN24710DGSR Manufacturers: N/A Description: SN24710DGSR In stock: 69186 pcs RFQ
 SN260QT Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: 13963 pcs RFQ	 SN221M063ST Manufacturers: Cornell Dubilier Electronics Description: CAP ALUM 220UF 20% 63V RADIAL In stock: 3572 pcs RFQ
 SN25F Manufacturers: Panduit Description: FINGER KIT, 150MM (5.9) DEPTH TH In stock: 278 pcs RFQ	 SN278792960 Manufacturers: N/A Description: SN278792960 In stock: 10731 pcs RFQ
 SN222M6R3ST Manufacturers: Cornell Dubilier Electronics Description: CAP ALUM 2200UF 20% 6.3V RADIAL In stock: 6604 pcs RFQ	 SN222M010ST Manufacturers: Cornell Dubilier Electronics Description: CAP ALUM 2200UF 20% 10V RADIAL In stock: 3289 pcs RFQ
 SN260Q Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU 802.15.4 40-VFQFN In stock: 10468 pcs RFQ	 SN221M6R3ST Manufacturers: Cornell Dubilier Electronics Description: CAP ALUM 220UF 20% 6.3V RADIAL In stock: 6737 pcs RFQ
 SN24710DGS Manufacturers: N/A Description: SN24710DGS In stock: 48026 pcs RFQ	 SN250QT Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 7218 pcs RFQ