



## ccRF click



PID: MIKROE-1435

RS Product Code: 136-0703

ccRF click is a low-power 2.4 GHz transceiver designed for the 2400- 2483.5 MHz ISM and SRD frequency bands. It features CC2500 Low-Power 2.4 GHz RF transceiver as well as PCB trace antenna. The CC2500 is integrated with a highly configurable baseband modem that supports various modulation formats and has data rate up to 500 kBaud. Maximum device range is up to 20 meters in open space. ccRF click communicates with the target microcontroller via mikroBUS SPI, RST and PWM lines. The board is designed to use 3.3V power supply only. All these features make this board ideal for consumer electronics, wireless audio, wireless keyboard and mouse RF remote controls...

## **Specification**

Product Type	RF 2.4GHz
Applications	This board is ideal for consumer electronics,
	wireless audio, wireless keyboard and mouse RF
	remote controls and many more
On-board modules	CC2500 Low-Power 2.4 GHz RF transceiver and
	PCB trace antenna
Key Features	High sensitivity (-104 dBm at 2.4 kBaud, 1% packet
	error rate), frequency range: 2400 - 2483.5 MHz,
	programmable data rate from 1.2 to 500 kBaud
Key Benefits	Low current consumption (13.3 mA in RX, 250
	kBaud)
Interface	SPI
Power Supply	3.3V
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Weight	35g

## **Downloads**

ccRF click Examples

ccRF click User Manual