

## AM Superhet receiver with crystal oscillator 433.92MHz

**RCBRX-434-M** is an AM superhet data receiver with PLL synthesizer and crystal oscillator.  
 ASK/OOK modulation. Metallic shield.  
 Frequency : 433.92MHz  
 5 Volt version.



On request is possible to customize the frequency.

### Technical Characteristics

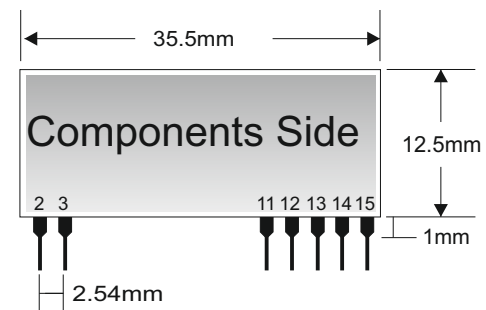
| Characteristics                                       | MIN | TYP  | MAX | UNIT   |
|-------------------------------------------------------|-----|------|-----|--------|
| V <sub>CC</sub> Supply Voltage                        | 4.4 |      | 5.0 | Vdc    |
| I <sub>s</sub> Supply Current ( RX mode )             |     | 5.5  |     | mA     |
| I <sub>s</sub> Assorbimento Corrente (Shut down mode) |     | 1    |     | μA     |
| S RF Sensitivity                                      |     | -108 |     | dBm    |
| D Max Data Rate                                       |     | 10   |     | Kbit/s |
| B RF Bandwidth 3dB                                    |     | 600  |     | KHz    |
| T Operating Temperature Range                         | -25 |      | +80 | °C     |

### Pin Description

| Pads | Name | Description |
|------|------|-------------|
| 2    | GND  | Ground      |
| 3    | IN   | Antenna     |
| 11   | GND  | Ground      |
| 12   | VCC  | VCC         |
| 13   | ---- | Not Used    |
| 14   | OUT  | Data Out    |
| 15   | EN   | Enable      |

EN = 0V ----> RX OFF  
 EN = 5V ----> RX ON

### Mechanical dimensions



### Typical application

