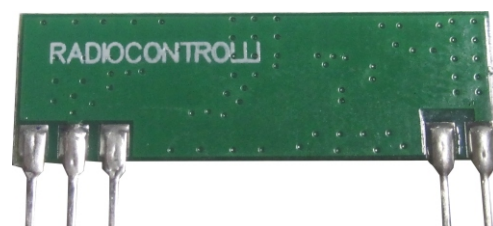
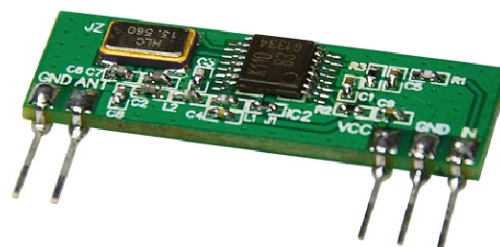


## FSK Radio Transmitter Module

**RC-TFSK2-434** is an 433.92MHz FSK Radio Transmitter Module with Crystal oscillator.  
Single line package operating at 3.3V.  
Output Power = 10dBm



### Applications :

- Wireless security systems
- Home and building automation
- Automatic Measure Reading
- Wireless Sensor Network

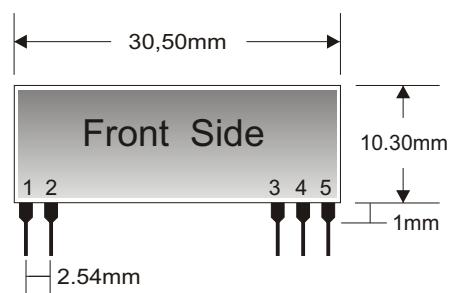
### Technical Characteristics

| Characteristics |                                     | MIN | TYP    | MAX  | UNIT   |
|-----------------|-------------------------------------|-----|--------|------|--------|
| V <sub>cc</sub> | Supply Voltage                      | 2.4 |        | 3.6  | Vdc    |
| I <sub>s</sub>  | Supply Current ( Operation mode )   |     | 14.5   | 15.5 | mA     |
| P <sub>o</sub>  | Frequency                           |     | 433.92 |      | MHz    |
| D               | Max Data Rate                       |     |        | 40   | Kbit/s |
| P               | RF Output Power                     | 8   | 10     |      | dBm    |
| F1              | Frequency Accuracy                  | -35 |        | +35  | KHz    |
| P <sub>2</sub>  | FM Deviation                        | 25  | 30     | 35   | KHz    |
| T               | Power Up Time (from Power on to RF) |     |        | 5    | ms     |
| TE              | Operating Temperature Range         | -25 |        | +80  | °C     |

### Pin Description

| Pads | Name | Description      |
|------|------|------------------|
| 1    | GND  | Ground           |
| 2    | ANT  | External Antenna |
| 3    | VCC  | VCC Power        |
| 4    | GND  | Ground           |
| 5    | IN   | TX Data          |

### Mechanical dimensions



## Typical Applications :

