

# RT2-XXX

Radio Transmitter Module with SAW Resonator  
(Integrated Antenna)



## General description

The RT2-XXX is an hybrid circuit that allows to realize a complete radio transmitter adding a coding circuit.

It shows stable electric characteristics thanks to the "Thick film hybrid" technology.

XXX : working frequency (418, 433.92 MHz)

## I-ETS 300 220 Compliance (RT2-433.92)

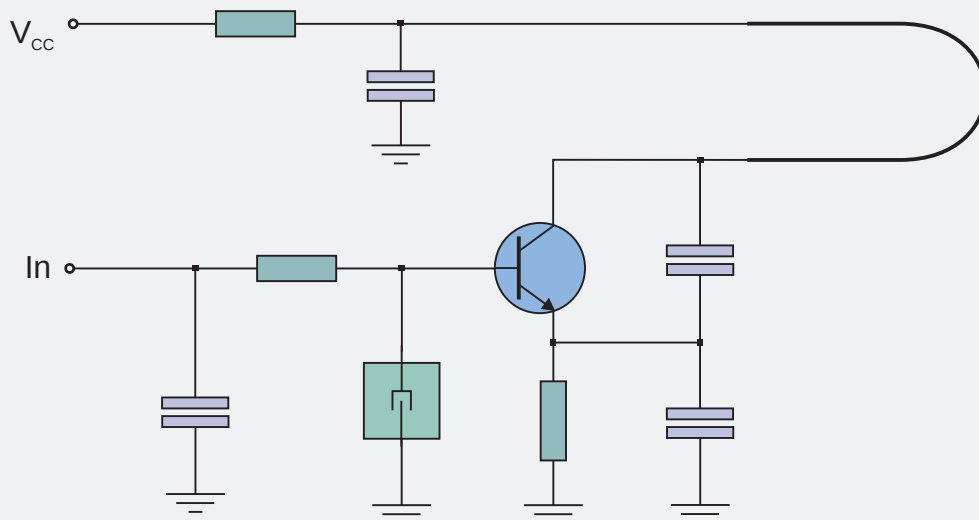
## Features

- Integrated Antenna
- High Reliability
- DIL Package

## Applications

- Wireless security systems
- Car Alarm systems
- Remote gate controls
- Sensor reporting

## CIRCUIT SCHEMATIC



## Electrical Characteristics

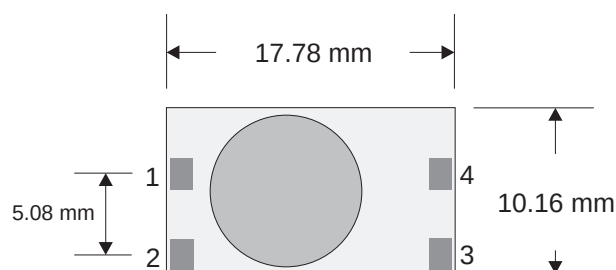
Ta = 25°C unless otherwise specified

| CHARACTERISTICS |                             | MIN | TYP        | MAX | UNIT |
|-----------------|-----------------------------|-----|------------|-----|------|
| V <sub>CC</sub> | Supply Voltage              | 4   |            | 14  | VDC  |
| I <sub>S</sub>  | Supply Current              |     | 3          |     | mA   |
| F <sub>w</sub>  | Working Frequency           |     | 418/433.92 |     | MHz  |
|                 | Max Data Rate               |     |            | 4   | KHz  |
| T <sub>OP</sub> | Operating Temperature Range | -40 |            | +80 | °C   |

## Pin Description

|   |                 |                  |
|---|-----------------|------------------|
| 1 | V <sub>CC</sub> | Supply Voltage   |
| 2 | GND             | Ground           |
| 3 | IN              | Modulation Input |
| 4 | NC              | Not Connected    |

## Mechanical Dimensions



TOP VIEW

## TYPICAL APPLICATION

