

## RT1-XXX

### Radio Transmitter Module (Integrated Antenna)



#### General description

The RT1-XXX is an hybrid circuit that allows to realize a complete radio transmitter adding a coding circuit.

The Frequency accuracy is very high thanks to laser trimming process. **PATENTED**

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

XXX : working frequency (418, 433.92 MHz)

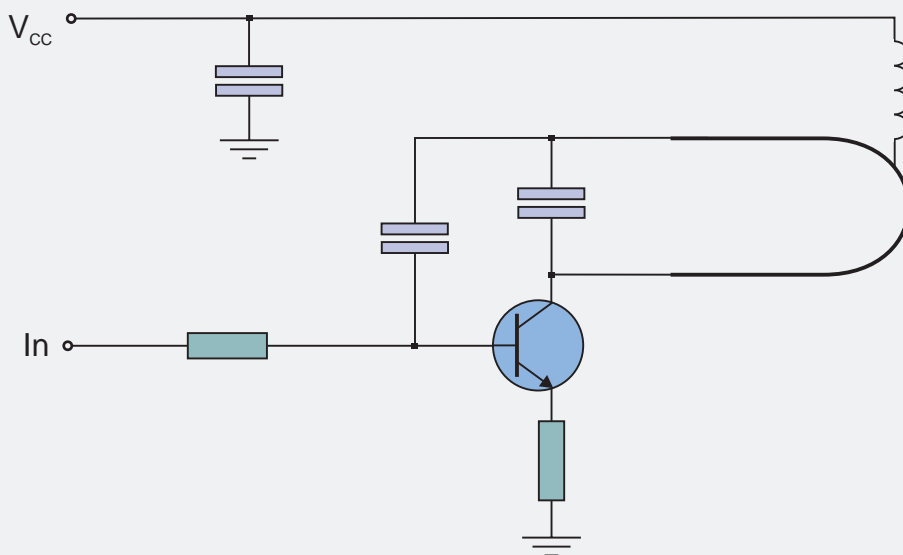
#### Features

- Integrated Antenna
- High Reliability
- Laser Trimming Process

#### Applications

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

#### CIRCUIT SCHEMATIC



## Electrical Characteristics

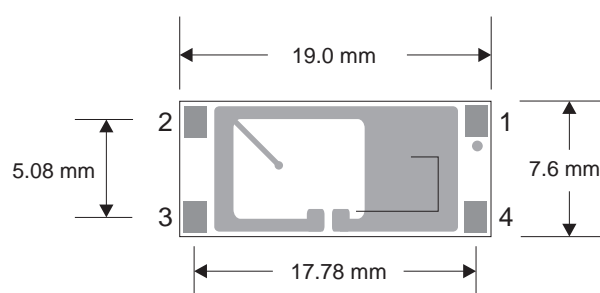
Ta = 25°C unless otherwise specified

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V <sub>CC</sub>	Supply Voltage	9		14	VDC
I <sub>S</sub>	Supply Current		3		mA
F <sub>W</sub>	Working Frequency		418/433.92		MHz
	Tuning Tolerance		±0.2	±0.5	MHz
	Max Data Rate			4	KHz
T <sub>OP</sub>	Operating Temperature Range	-25		+80	°C

## Pin Description

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

## Mechanical Dimensions



TOP VIEW

## TYPICAL APPLICATION

