

## FSK Radio Transmitter Module

**RC-TFSK3-868** is an FSK Radio Transmitter Module with Crystal oscillator.

Dual in line package operating at 3.3V.

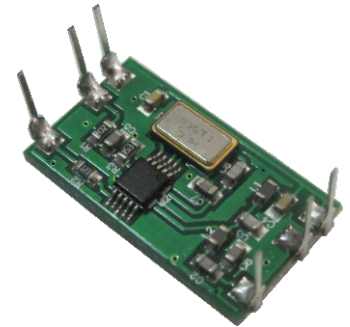
Output Power = 10dBm

Power down mode is also available.

Frequency : 868MHz

### Applications :

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



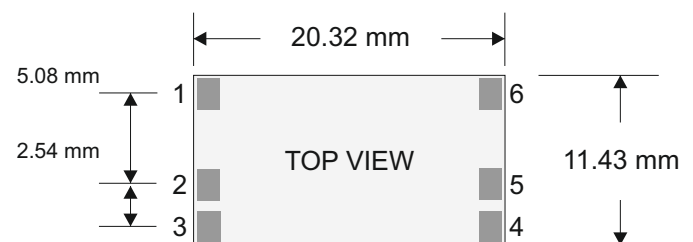
### Technical Characteristics

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
I <sub>s</sub>	Supply Current (Shut down mode)			100	nA
F	Frequency		868.35		MHz
D	Max Data Rate			40	Kbit/s
P	RF Output Power	8	10		dBm
F1	Frequency Accuracy	-35		+35	KHz
F2	FM Deviation	25	30	35	KHz
T	Power Up Time (from Power on to RF)			5	ms
T1	Power Up Time1 (from EN to RF)			1	ms
TE	Operating Temperature Range	-25		+80	°C

### Pin Description

Pads	Name	Description
1	EN	Enable
2	IN	Data In
3	GND	Ground
4	VCC	VCC Power
5	GND	Ground
6	ANT	External Antenna

### Mechanical dimensions



EN = LOW ----> Shut down mode  
 EN = HIGH ----> TX mode

**ETSI EN 300 220  
 COMPLIANCE**

## Typical Applications :

