

FSK Radio Transmitter Module

RC-TFSK1-XXX is an FSK Radio Transmitter Module with Crystal oscillator.

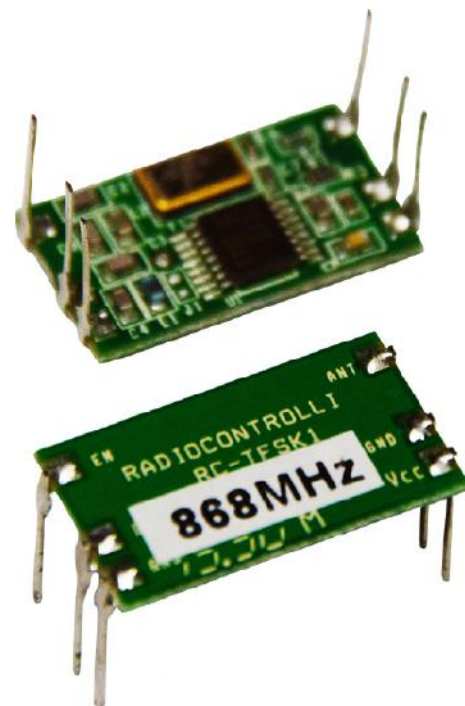
Dual in line package operating at 3.3V.

Output Power = 10dBm

Power down mode is also available.

Applications :

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



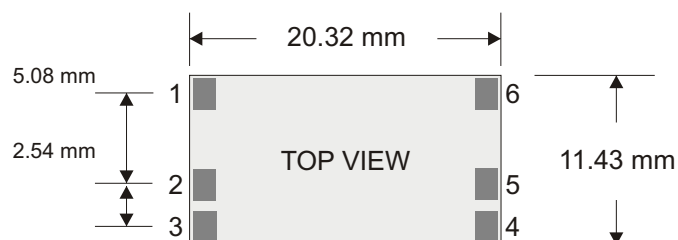
Technical Characteristics

Characteristics		MIN	TYP	MAX	UNIT
V _{cc}	Supply Voltage	2.4		3.6	Vdc
I _s	Supply Current (Operation mode)		14.5	15.5	mA
I _s	Supply Current (Shut down mode)			100	nA
F	Frequency		433.92 / 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

Typical Applications :

