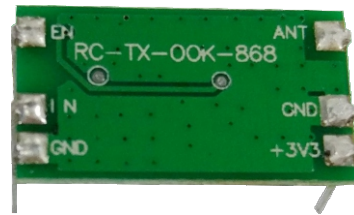


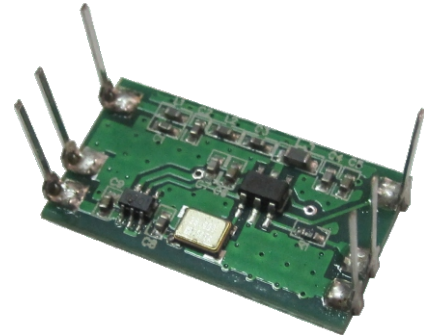
ASK Radio Transmitter Module

RC-TASK2-868 is an ASK 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 (3 Volt version)	2.2	3	3.6	Vdc
I	Supply Current (TX mode)		21/15		mA
I _s	Current Consumption (standby mode)		< 3		μA
P _o	RF Power Output		10(*)		dBm
F	XTAL Frequency		868.30		MHz
F	Frequency Tolerance		+/- 20		KHz
	Max Data Rate			50	Kbit/s
	Power Up Time			1	ms
T _{op}	Operating Temperature Range	-25		+80	°C

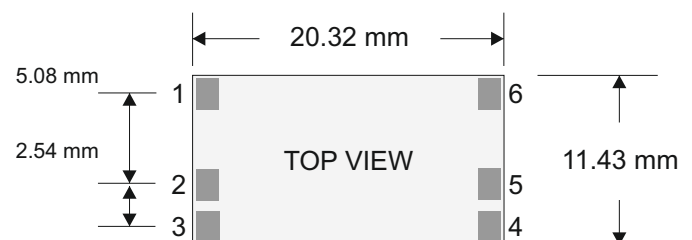
(*) we recommend the use of an antenna with a gain not higher than 3dB

The final application that uses this TX module must have a Duty Cycle less than or equal to 10% in a time of 1 hour.

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 :

