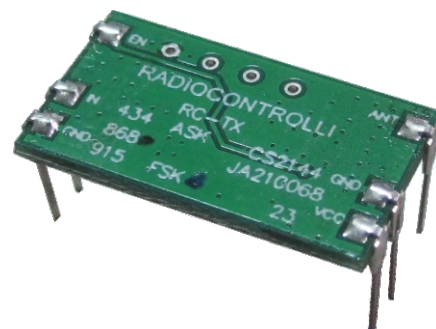


OOK Radio Transmitter Module

RC-TXASK-XXX

is an ASK Radio Transmitter Module with Crystal oscillator.
 Dual in line package operating at 3.0V.
 Output Power = 10dBm
 Power down mode is also available.



Standard versions:

- RC-TXASK-433** =====> Frequency 433.92MHz
- RC-TXASK-868** =====> Frequency 868.35MHz

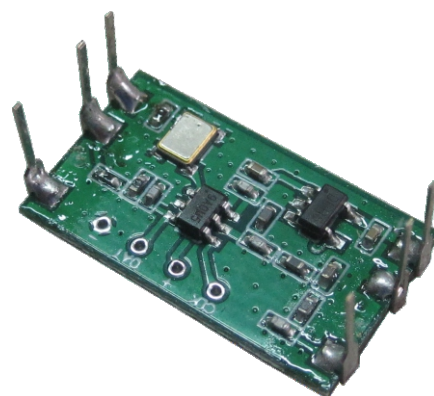
Available versions :

- RC-TXASK-433.42** ==> Frequency 433.42MHz
- RC-TXASK-434.15** ==> Frequency 434.15MHz
- RC-TXASK-434.50** ==> Frequency 434.50MHz
- RC-TXASK-868.95** ==> Frequency 868.95MHz
- RC-TXASK-869.50** ==> Frequency 869.50MHz

Possible versions :

On request we can customize the frequency value :

- From 433.00 MHz to 435.00 MHz with step of 0,01 MHz
- From 867.00 MHz to 870.00 MHz with step of 0,01 MHz



Applications :

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

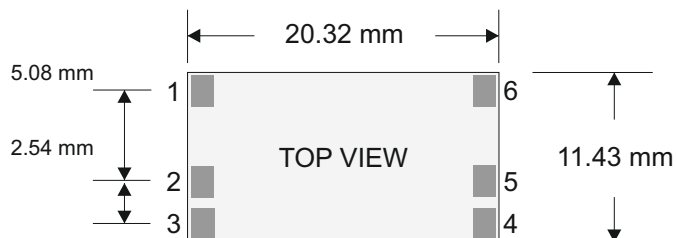
Technical Characteristics

Characteristics		MIN	TYP	MAX	UNIT
V _{cc}	Supply Voltage (3 Volt version)	2.2	3	3.6	Vdc
I	Supply Current (TX mode)		21		mA
I _s	Current Consumption (standby mode)		< 3		µA
P _o	RF Power Output		10(*)		dBm
F	Frequency		433/868		MHz
F	Frequency Tolerance		+/- 20		KHz
	Max Data Rate			30	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.

Mechanical dimensions



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

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

Typical Applications :

