

TAL434 –UHF ASK Data Transmitter

TAH series RF module transmit at fixed frequency set by a quartz Surface Acoustic Wave (SAW) device. Different frequencies are Available to suit different regions.

To use connect an antenna , power and data source.

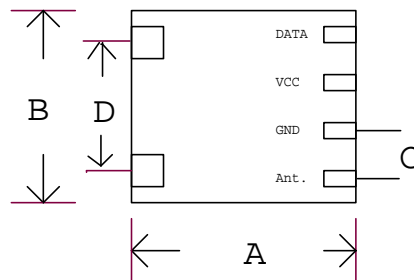
Feature

- ◎ SAW RESONATOR
- ◎ ASK Design
- ◎ Ideal for 433.92 MHz Remote Keyless Entry Transmitter
- ◎ Operation Voltage 1 – 5 VDC

Characteristics

Parameter	Conditions	Min	Typ	Max	Unit
Supply Voltage		1		5	V
Supply Current		1		21	mA
Data Rate		-	2400	3000	bps
Absolute Frequency	433.92 Module		433.92		MHz
Relative Frequency	to 433.92 MHz		+/-75		KHz
RF Out Power 50ohm	Vcc = 1V / 1mA		-4		dBm
RF Out Power 50ohm	Vcc = 1.5V / 4mA		+3		dBm
RF Out Power 50ohm	Vcc = 2V / 7 mA		+6		dBm
RF Out Power 50ohm	Vcc = 3V / 12 mA		+10		dBm
RF Out Power 50ohm	Vcc = 4V / 17 mA		+12		dBm
Supply Current	Vcc = 5V / 21 mA		+14		dBm

PIN Assignment



Dimensions	Millimeters	Dimensions	Millimeters
A	15.7 +/- 0.1 mm	D	8.0 +/- 0.1 mm
B	10.2 +/- 0.1 mm		
C	2.8 +/- 0.1 mm		