

TXC1

315/433.92MHZ
Hybrid
Transmitter

Ideal for 315/433.92MHz Remote Keyless-Entry Transmitter.

SAW RESONATOR

ASK Design

The TXC1 is an ASK transmitter module .The result is excellent performance in a simple-to-use .The TXC1 is designed specifically for remote-control , wireless mouse and car alarm system operating at 315/433.92 MHZ.



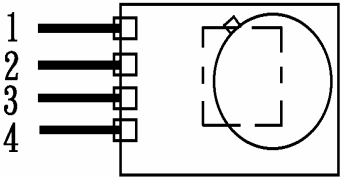
Absolute Maximum Ratings

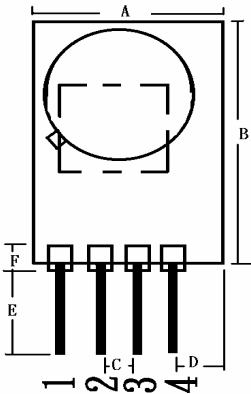
Parameter	Value	Units
Power Supply and/or Modulation Input Voltage	3	V
Operating temperature	-20 to +80	

Transmitter Characteristics

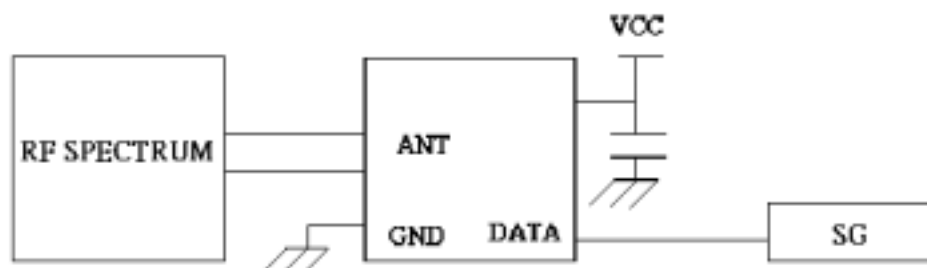
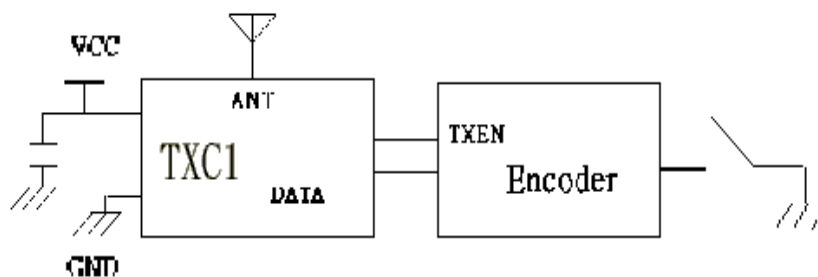
Parameter	Symbol	Condition	Value			Unit
			min.	typ.	max.	
Output power		V _{cc} =3.0V,TA-27 , 50Ωload		3		dBm
				3		dBm
Supply current	I _{cc}			10		mA
Supply voltage Range	V _{cc}			3		V
Data Rate			300		10K	bps

Pin assignment

PIN	Connections	
1	GND	
2	DATA	
3	VCC	
4	ANT	



Dimensions	Millimeters	Dimensions	Millimeters
A	14.5 +/-0.25mm	E	5.9 +/-0.1mm
B	18.5 +/-0.25mm	F	0.1 +/-0.05mm
C	2.54 (MAX)	G	0.3 +/-0.01mm
D	5.0 +/-0.1mm	H	4 +/-0.25mm

Typing Test Circuit**Typical transmitter Application****Notes:**

1. Encoder : HT12D/F , PTC (2262)
2. Antenna : Length = 22.6cm for 315MHz ; Length = 17.2 cm for 433.92MHz.