



ASK Transmitter Module

ST-TX01-ASK(Saw Type)

General Description:

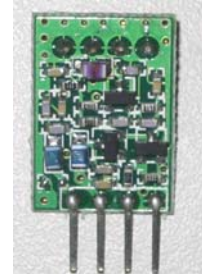
The ST-TX01-ASK is an ASK Hybrid transmitter module. ST-TX01-ASK is designed by the Saw Resonator, with an effective low cost, small size, and simple-to-use for designing.

Frequency Range:315 / 433.92 MHZ.

Supply Voltage: 3~12V.

Output Power : 4~16dBm

Circuit Shape: Saw

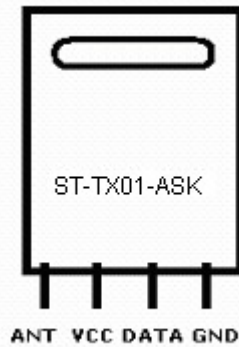


315/434 MHz ASK TRANSMITTER

Applications

- *Wireless security systems
- *Car Alarm systems
- *Remote controls.
- *Sensor reporting
- *Automation systems

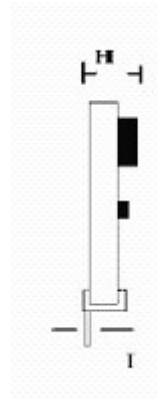
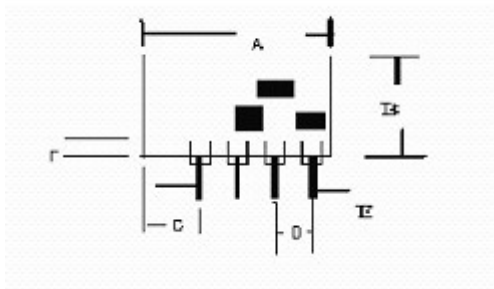
PIN Description:



Absolute Maximum Ratings

Parameter	Symbol	Condition	Specification			Unit	
			Min.	Typical	Max.		
Operation Voltage				3V	5V	12V	V
Output power	Psens	DATA 5V 1Kbps Data Rate	315MHz	4	10	16	dBm
			Supply current	11	20	57	mA
		434MHz	4	10	16	dBm	
			Supply current	11	22	59	mA
Tune on Time	Ton	Data start out by Vcc turn on	10	20		ms	
Data Rate			200	1k		3k	bps
Input duty		Vcc=5V; 1kbps data rate	40			60	%
Temperature			-20			+80	°C

Pin Dimension



Dimensions	Millimeters	Dimensions	Millimeters
A	14+0.25mm	F	2.50+0.15mm
B	21+0.25mm	G	3.50+0.15mm
C	4.1+0.30mm	H	5.5mm
D	2.54+0.05mm	I	0.32+0.05mm
E	0.65+0.05mm		

Typical Application:

