

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

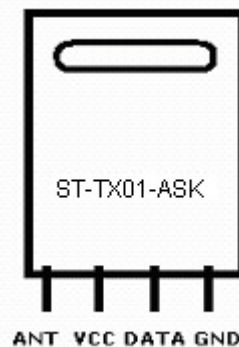


315/434 MHz ASK TRANSMITTER

Applications

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

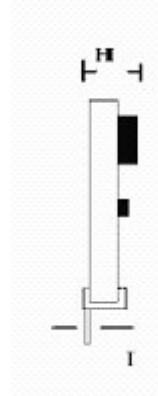
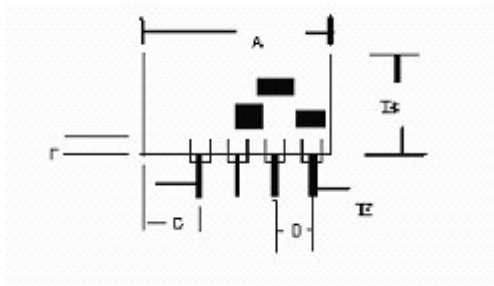
PIN Description:



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	$14 \pm 0.25\text{mm}$	F	$2.50 \pm 0.15\text{mm}$
B	$21 \pm 0.25\text{mm}$	G	$3.50 \pm 0.15\text{mm}$
C	$4.1 \pm 0.30\text{mm}$	H	5.5mm
D	$2.54 \pm 0.05\text{mm}$	I	$0.32 \pm 0.05\text{mm}$
E	$0.65 \pm 0.05\text{mm}$		

Typical Application:

