
SAW RESONATOR TRANSMITTER MODULE

315/434 MHz ASK TRANSMITTER

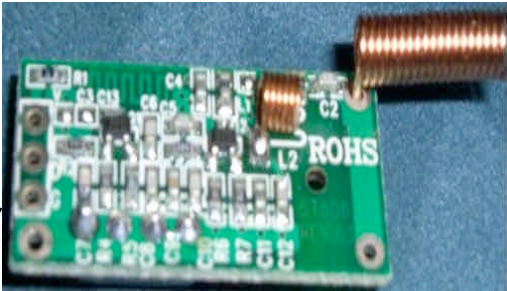
Description

@433.92/315MHz Remote Keyless- Entry Transmitter.

@The ST -SAWR is an ASK transmitter module .

@The result is excellent performance in a simple-to -use .

The ST -SAWR is designed specifically for remote-control , wireless mouse and car alarm system operating at 433.92 in the USA under FCC Part 15 regulation.



Applications

- Car security system
- Remote keyless entry
- Garage door controller
- Home security
- Wireless mouse
- Automation system
- Wireless temp/humidity weather station clock

Product Identification

315MHz	ST -SAWR -608-AS315M
433.92 MHz	ST -SAWR -608 -AS434M

Absolute Maximum Ratings

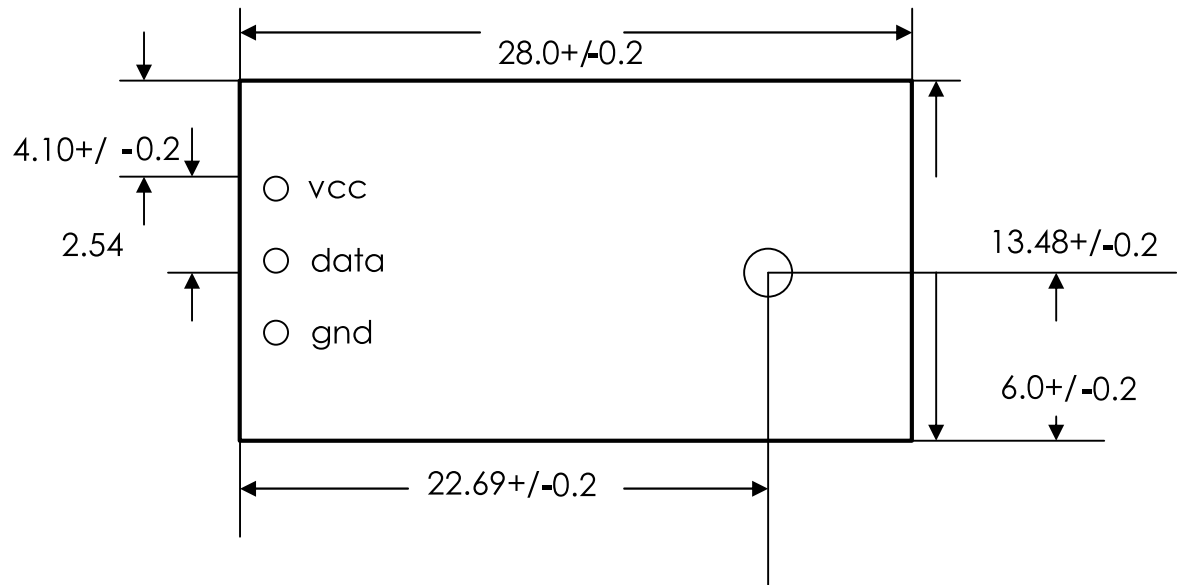
Parameter	Rating	Units
Supply Voltage	2.6 3.6	V DC
Operating Temperature	-10 to + 80	°C

Absolute Maximum Ratings

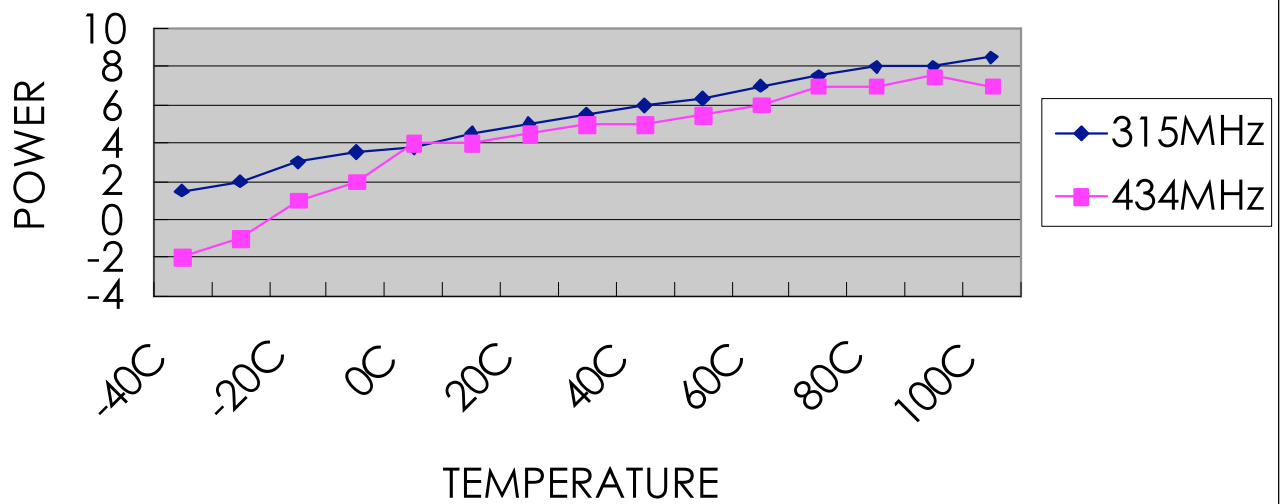
Parameter	Symbol	Condition	Specification					Unit
			Min.	Typical			Max.	
Voltage Operation				2.6	3			V
Output power	Psens	DATA 3V	315MHz	-11.8	4			dBm
		1Kbps Data	Supply current	3.1	10		15	mA
		Rate	434MHz	-8.5	4			dBm
			Supply current	2.9	10		15	mA
Tune on Time	Ton	Data start out by Vcc turn on	10	20				ms
Data Rate			200	1k			4k	bps
Input duty		Vcc=3V; 1kbps data rate	40				60	%

Pin Dimension unit : (mm)

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TEMPERATURE VS OUTPUT POWER (3.3V_



VCCVS OUTPUT POWER

