

315MHz ASK/OOK Transmitter module

SKU: 317010004

(images/product/317010004 1.jpg)



WIO LINK is LIVE at Kickstarter!

(https://www.kickstarter.com/projects/seeed/wio-link-3-steps-5-minutes-build-your-iot-applicat/description?ref=banner_depot)

Description

RF-T-ASK series is a low cost, high output power, low power consumption ASK/OOK transmitter module with operating at 315MHz frequency. It is your ideal choice for designing long distance wireless data transmission products. Compliance FCC and ETSI regulation.

Features:

- Long Distance Application
- Simple-to-use.
- SAW Resonator •315MHz
- Data Rate:300Hz-10KHz
- RF Output Power: 16dBm@5V
12dBm@3.3V
- Power Supply: 2.1V~5.5V
- Low Power Consumption

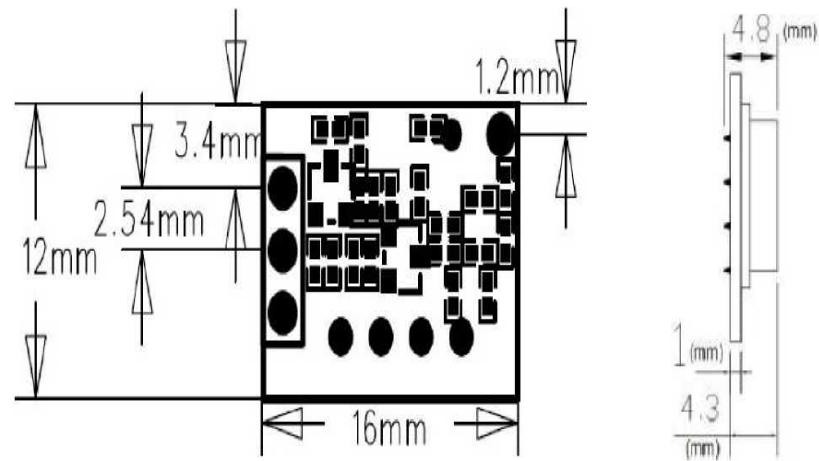
Typical Application:

- Remote control

- Remote sensor
- Wireless data collection
- Home security system
- Toys

Transmitter Characteristics:

Parameter	Symbol	Condition	Condition			Unit
			min.	typ.	max.	
Operation Frequency	Ftx	Vcc=3.3V,TA-25V, 315MHz	314.90	315.00	315.10	MHz
		Vcc=3.3V,TA-25V, 433MHz	433.82	433.92	434.02	MHz
Output Power	Pmax	Vcc=3.3V, TA-25V, 315MHz and 433MHz		12	-	dBm
		Vcc=5.0V,TA-25V, 315MHz and 433MHz	-	16	-	
Supply current	Icc	Vcc=3.3V,TA-25V, 315MHz and 433MHz	-	24	-	mA
		Vcc=5V,TA-25V, 315MHz and 433MHz	-	40	-	
Standby Current	Isc	-	-	-	1	nA
Supply voltage Range	Vcc		2.1	-	5.5	V
Data Rate	DR		300		10K	bps

Package Information:**Absolute Maximum Ratings:**

Parameter	Value	Units
Power Supply	2.2 ~ 5.5	V
Operating temperature	-20 to +70	V

Overview

(<http://www.seeedstudio.com/depot/Shenzhen-2U-t-11.html?ref=pininfo>)

(<http://www.seeedstudio.com/depot/Others-m-24.html?ref=pininfo>)

Weight: 2 g

Designer: Others
Other Products From
This Designer