



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



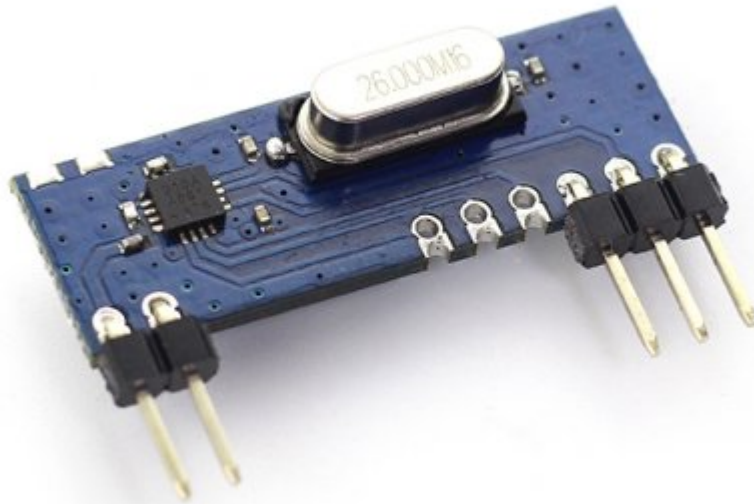
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





(images/product/317020002 1.jpg)

315MHz ASK/OOK Super-heterodyne Receiver module

SKU: 317020002



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

F-R-ASK series module are low cost super-heterodyne receiver module working at frequency 315Mhz. The operating voltage is 3.6V-5.5V. Enable(SHUT)function, which enable module to switch between work status and sleep status, other shape modules don't have this function. This module features stable RF performance, low power consumption, high sensibility, cost-effective, widely applied in various types of data transmission system.

Features:

- Low cost, low power consumption, Cos
- Transmission Data Rate: 0.3-2.5KHz
- The operating voltage: 3.6V-5.5V
- The operating current: 3mA @ 315MHz
- Sleep current: $\sim 0.9\mu\text{A}$
- Sensibility:-108dBm
- The operating frequency:315MHZ
- SMD and DIP Package
- Applications
- Wireless data transmission
- Home Automation
- Remote Alarm System

Specification:

Electrical Characteristics

Parameter	Condition	Min.	Typical	Max.	Unit
Operating Voltage(DC)	RF-R-ASK	3.6	5	5.5	V
Operating Current	RF-R-ASK /5V/315MHz		3	4	mA
	RF-R-ASK /5V/433.92MHz		5	6	mA
Sleep current			3		uA
Operating Frequency	RF-R-ASK -315		315		MHz
	RF-R-ASK -433		433.92		MHz
Sensitivity	315MHz Date Rate 1K		-108		dBm
	433.92MHz Date Rate 1K		-108		dBm
Receive bandwidth			300		KHz
Data rate		0.3		2.5	KHz
Operating temperature		-20		+70	V

Mechanical dimension (unit: mm)

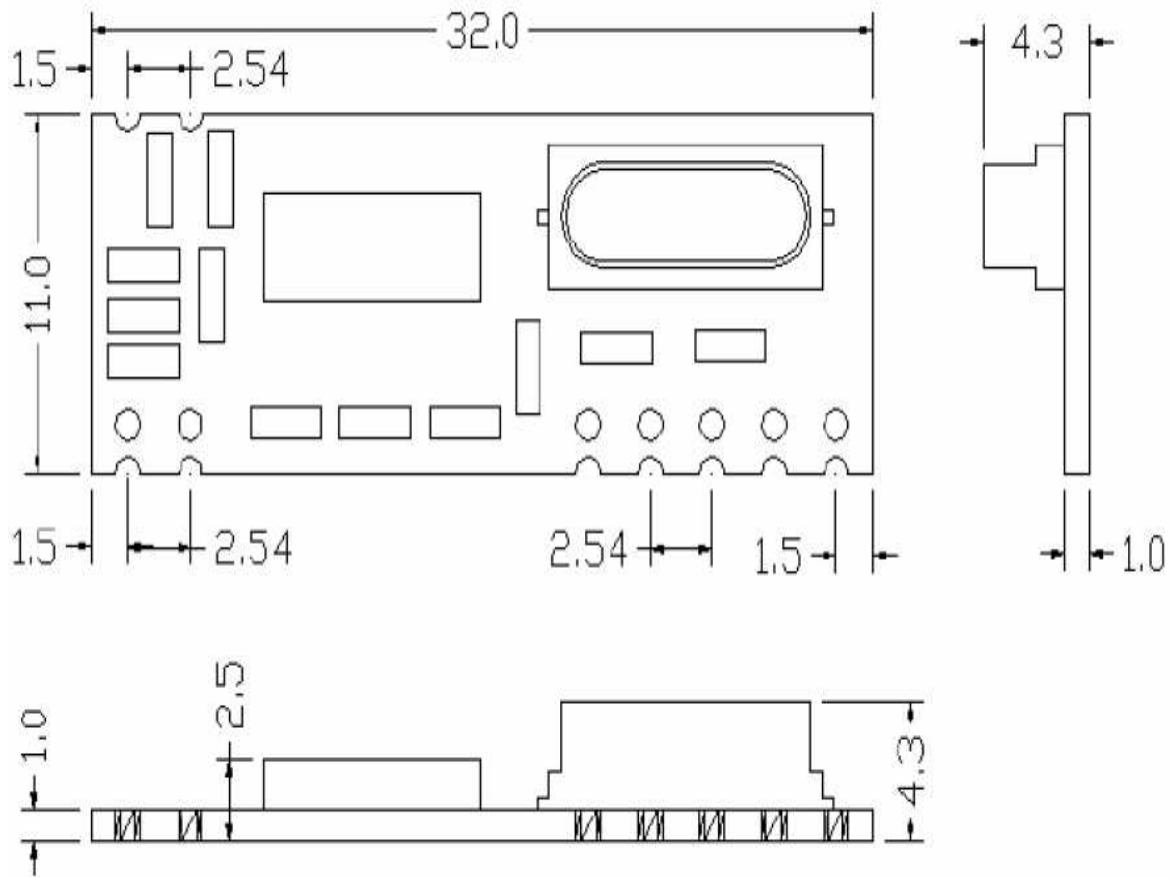


Figure 1 Standard Shape SMD

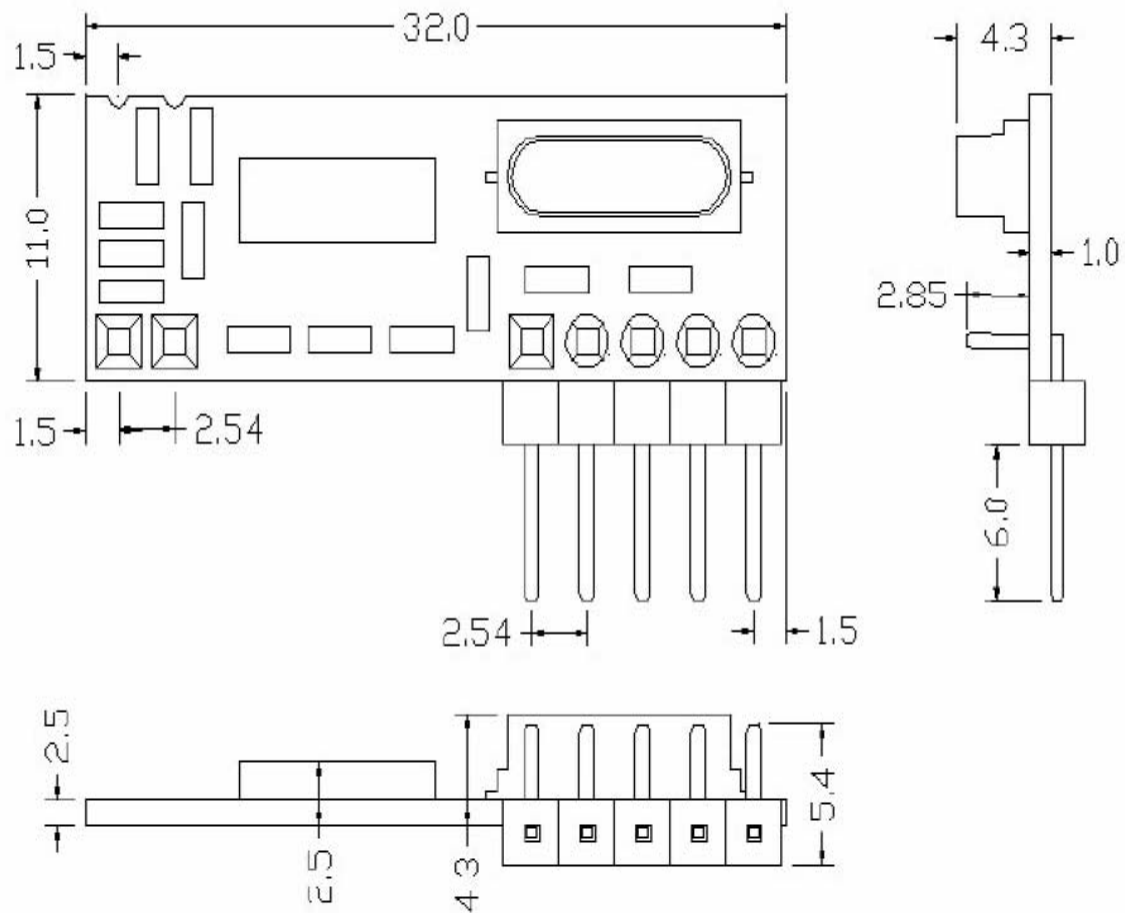


Figure 2 Standard Shape DIP

Overview



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

Designer:
Others
Other
Products

From This Designer (<http://www.seedstudio.com/depot/Others-m-24.html?ref=pinfo>)

Weight: 4 g