

CR PHOTOELECTRIC TECHNOLOGY CO.LTD

No. 205 Hongchuan Road, Tongqiao Town, Zhongkai, Huicheng District, Huizhou City,China

ChinaTel:0752-3166801 FCC ID: 2AL9S-MRFS1G13

433.92MHz Receiver module specification

MRFS1G13

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Revision History

Rev.No.	History	Issue Date	Remark
1.0	Initial issue	Apr, 2025	Preliminary

Table of Contents

1.	General Description.....	4
2.	Electrical specification.....	4
3.	Interface.....	4
4.	Module packaging information.....	5

1.General Description

This product is a customized module that integrates a highly sensitive wireless receiver chip. The RF receiver has the characteristics of high sensitivity, low power consumption, and good anti-interference

Application scope: Remote control access control system, remote control fan, lighting switch, etc

2.Electrical specification

Working voltage	DC 5V	
Working current	6MA	
Operating Frequency	433.92MHZ , OOK/ASK	
Transfer rate	1-5kbps	
Receiver sensitivity	-109dbm	
operation temperature	-40℃ ~+85℃	
PCB Size	40mm*25mm	

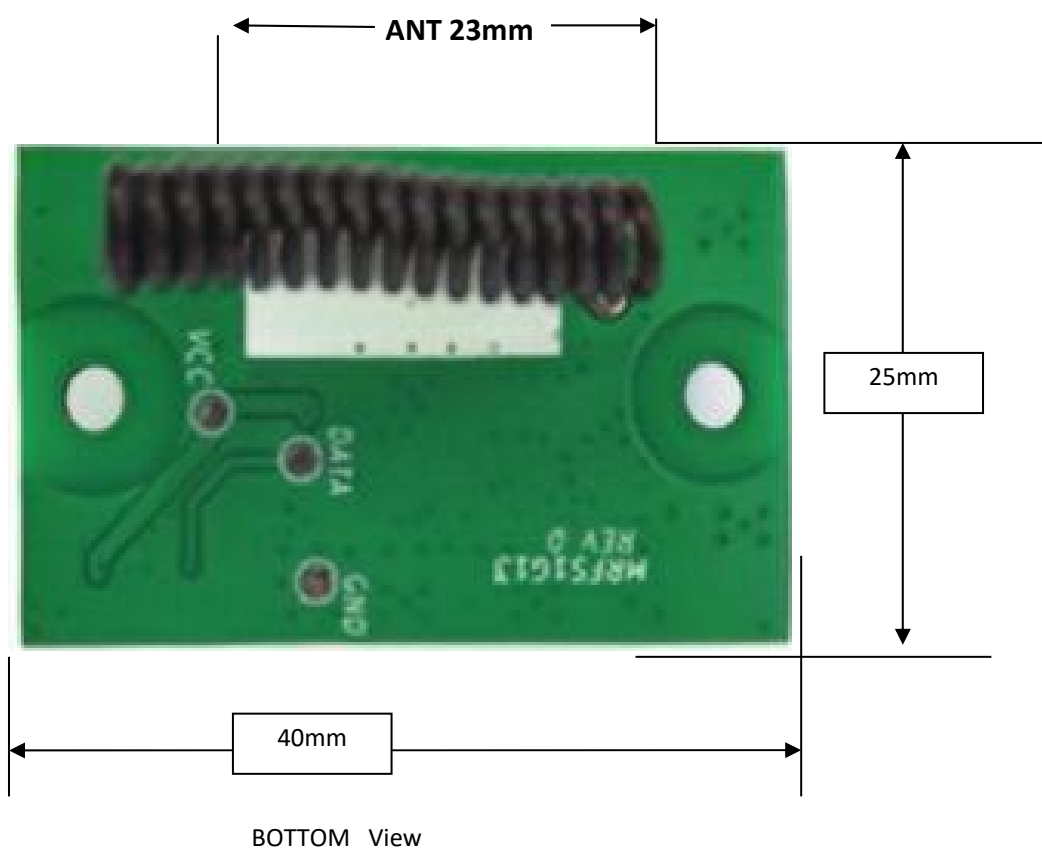
3.Interface



1 2 3
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PIN NO	PIN Funtion	NOTE
1	DATA	DATA OUT
2	GND	GND
3	VCC	POWER-DC5V

4.Module packaging information



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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment