



RFWORLD

文档版本: 1.80

文档编号: 2010-0068-C

版权归 RF WORLD (阅天集团所有)所有。

无线 FSK 模块

(WM1101S01)

用户指南

Shenzhen,China: RF WORLD (RPing Group)

15F,Nanshang Block,Zhongyin Bldg.,Caitian Rd.,Shenzhen 518026,China

Tel:86 755 82469767 82469790

Fax:86 755 82469915

Email: sales@mcurf.com www.mcurf.com

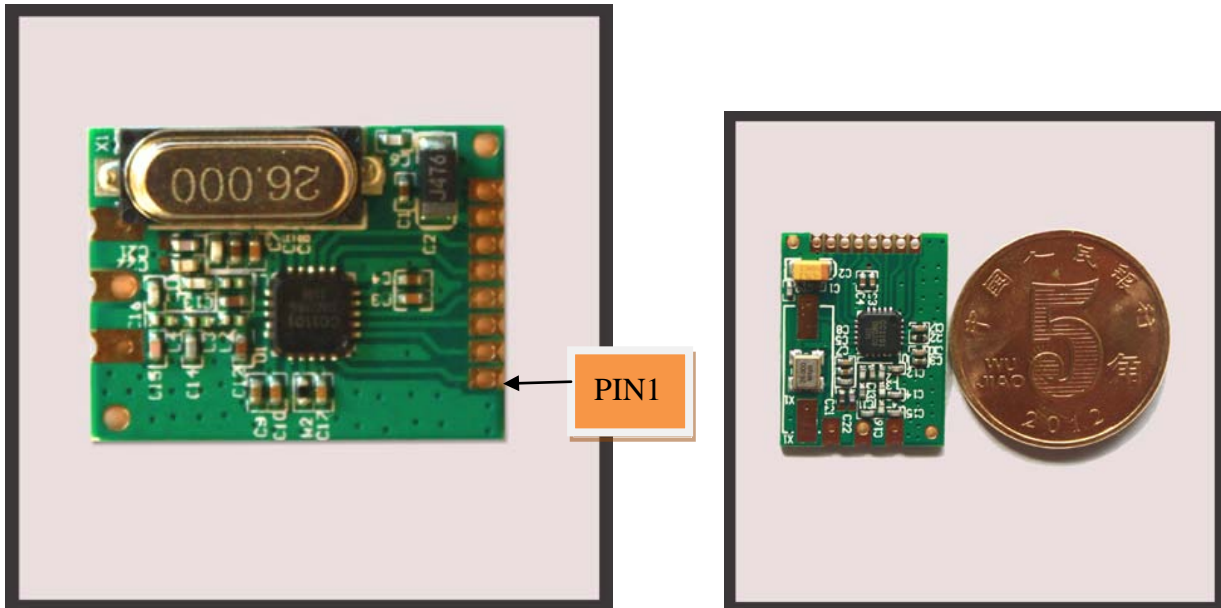
Index

文档版本: 1.80.....	1
概述:	3
管脚描述 :	4



概述:

WM1101S01 射频模块,基于 Chipcon, TI CC1101 SUB 1G 数字无线收发一体FSK芯片,设计人员可以把整个无线模块作为一个嵌入式的元件,从而不需要考虑无线的模拟部分:例如阻抗匹配.



SUB1G FSK 模块

频率:434M /868M/915M

最大速率: 500K

RF 输出功率: 12dBm (MAX)

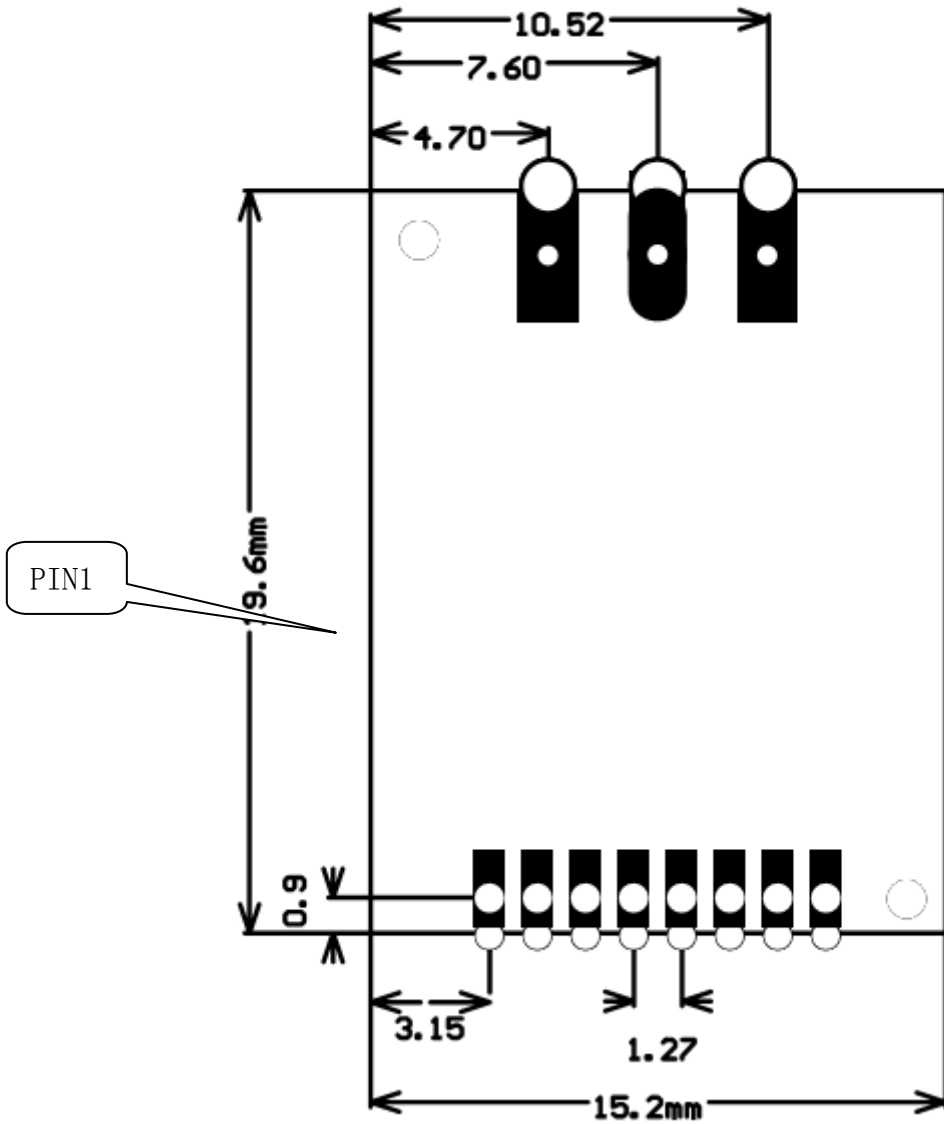
接受灵敏度 -112dBm /1.2K 速率

编程接口: SPI 数字接口

最大功耗: 30MA

最大距离: 350meter

管脚描述 :

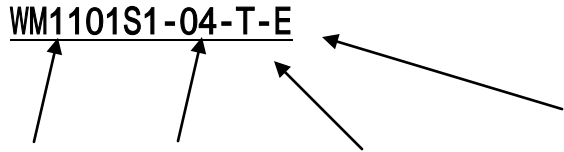


PIN#	Pin name	Pin type	Description
1	SI	Digital input	Serial configuration interface, data input
2	SCLK	Digital input	Serial configuration interface, clock input
3	SO	Digital Output	Serial configuration interface, clock input Optional general output pin when CSN is high
4	GDO2	Digital Output	Digital output pin for general use;
5	GDO0	Digital I/O	Digital output pin for general use;

6	CSN	Digital input	Serial configuration interface ,chip select
7	VCC	power	1.8-3.6V
8	GND	Ground	GND

Order Information

Part Number=module type—operation band—package type



Module Type	Brand	Crystal Type	Antenna Interface
	433M 04	3225 (T)	SMA(E)
	868M 08	49SMD(F)	Copper Wire(I)
	915M 09		

Model Numbers	Frequency Ranges	Descriptions
WM1101S1_04_T-E	433 MHz	433M , 3225 Crystal , SMA Interface
WM1101S1_08_F-I	868 MHz	868M , 49SMD Crystal , Wire