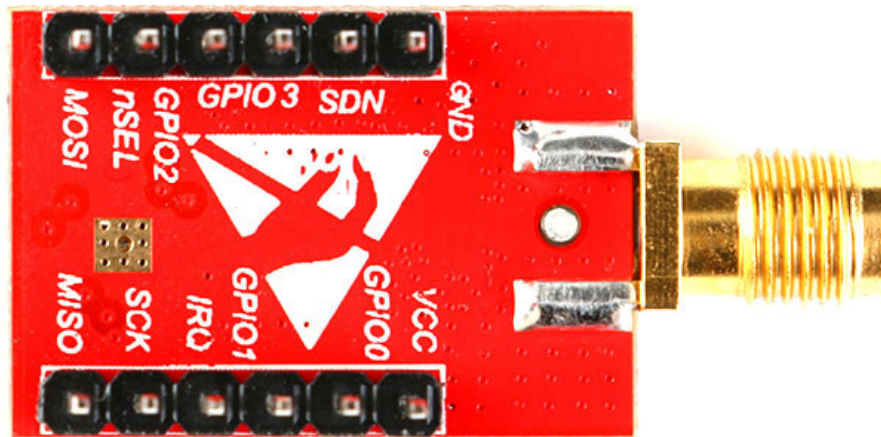


Your Cee



Description:

- E10-433MD-SMA is a SI4463 RF module, frequency 433M, power 100mW, SPI interface, plated PCT SMA interface to facilitate external antenna, the use of 26M crystal, has been stable production, and apply to a variety of application scenarios.
- E10-433MD-SMA uses the United States Silicon Labs company imported SI4463 RF chip, receiving high sensitivity, strong anti-interference, support the development of low power consumption. Has been widely used in various industries, with stable performance, transmission distance, penetrating diffraction capabilities and so on.

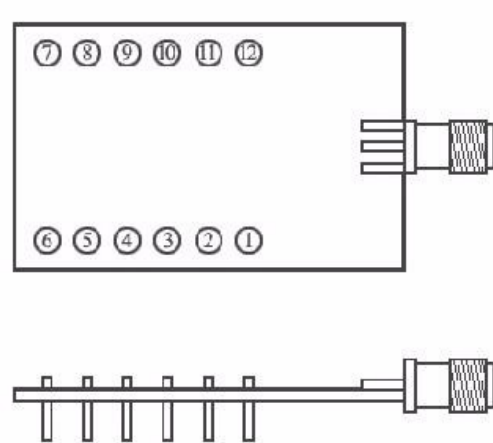
Product Parameters:

- Measured distance: about 2000m
- Maximum power: 20dBm Max (about 100mW)
- Shutdown current: 0.6uA
- Emission current: 80mA @ 20dBm
- Receiving current: 10mA

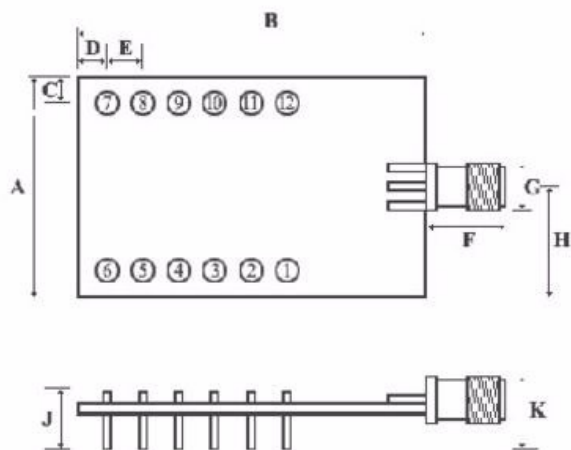
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- Communication Interface: SPI
- Emission length: 1-64 bytes for a single packet
- Receive length: 1-64 bytes for a single packet
- RSSI: Support
- Antenna Interface: SMA-K
- Operating temperature: -40 ~ +85 degrees Celsius
- Operating Humidity: 10% to 90% relative humidity, non-condensing
- Storage temperature: -40 ~ +125 degrees Celsius
- Receive sensitivity: -126dBm @ 1kbps

Product pin function and dimension drawing



1	GND
2	SDN
3	GPIO3
4	GPIO2
5	nSEL
6	MOSI
7	MISO
8	SCK
9	IRQ
10	GPIO1
11	GPIO0
12	VCC



Units: mm

	MIN	MAX
A	16.6	16.7
B	24.0	24.1
C	1.48	1.52
D	2.38	2.42
E	2.54	2.54
F	9.60	9.60
G	6.20	6.20
H	8.30	8.35
J	11.2	11.3
K	12.8	12.9

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