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Shenzhen Jietong Technology Co.,Ltd

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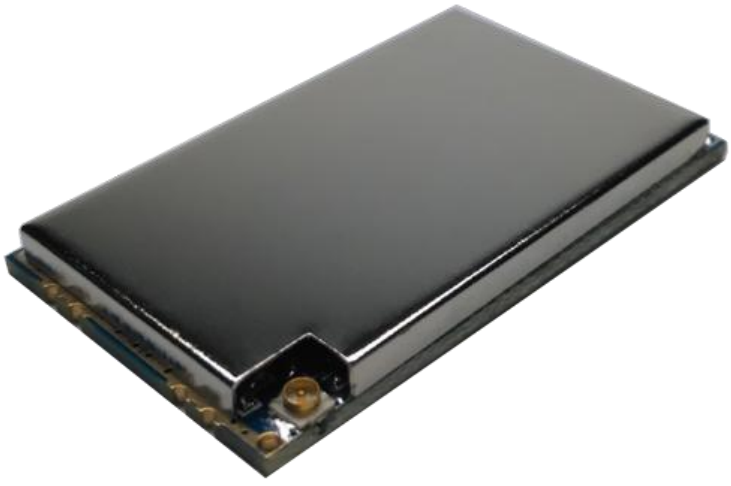
JT-2850

UHF RFID LOW POWER CONSUMPTION MODULE



JT-2850 UHF RFID
Low Power Consumption Module

SPEEDWORK
JIE TONG

SPECIFICATION

Working frequency	902-928MHz(US),865-868MHz(EU)
Protocol	EPC C1 Gen2,ISO 18000-6C
Size	41.5*25*3mm
Antenna interface	IPEX
RF power	0~18dBm
Reading distance	0~1m
Writing distance	0~30cm
Operating Voltage	+3.3V
Working current	Peak current 500mA
Stand-by current	<100mA
UART communication	2 ways (1 way for RS232, 1 way can be used for RS485)
Operating mode	Frequency hopping (FHSS) or fixed frequency can be set by the software
SDK	Demo and C++, C#,JAVA,Android
Reading mode	Single tag read
Writing mode	Support batch rewriting of labels
Storage humidity	5% ～ 95% RH without condensation
Storage temperature	-20℃~+75℃
Working temperature	-40℃~+85℃

Introduce:

JT-2850 It is a small, ultra-low power, read/write module that supports the ISO 18000-6C protocol. It is compatible with a 40*40mm ceramic antenna and can read ordinary white cards. The measured value can reach 60~80cm. It can be easily embedded into handheld terminals such as tablets and PDAs to realize the RFID expansion function of such devices, and is widely used in other fields such as logistics management, product quality inspection, personnel management and so on.

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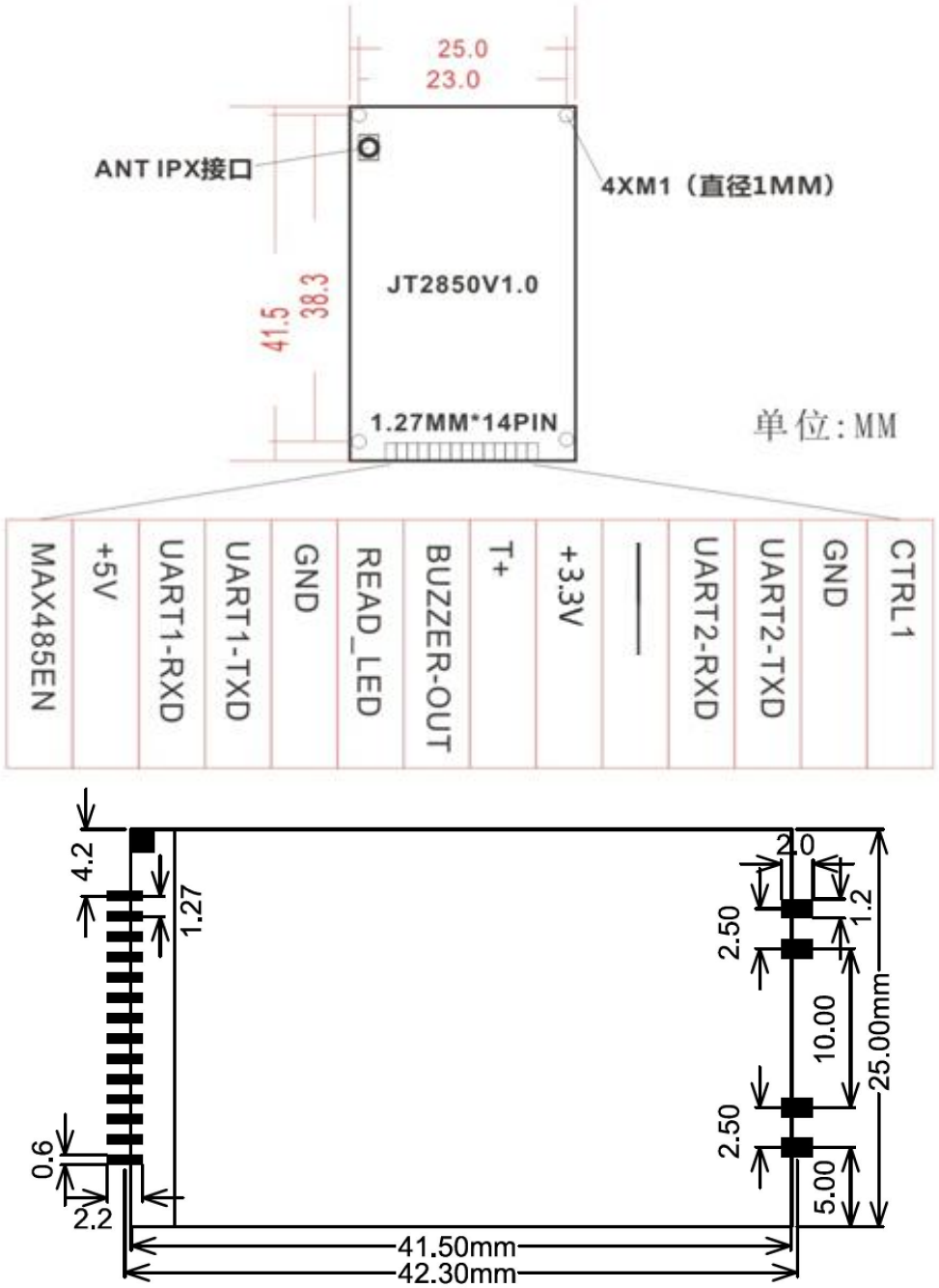
JT-2850 STRUCTURE



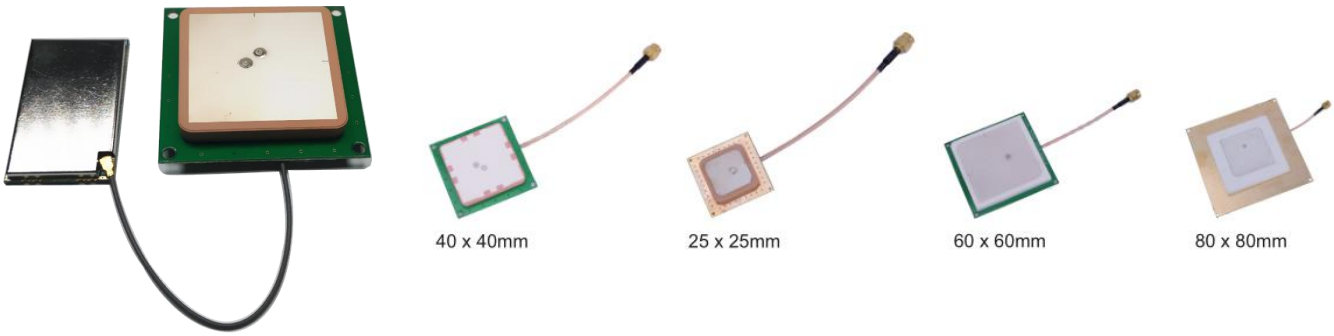
FEATURES

- Low power output,Max RFpower is 20dBm;
- Ultra-low Power,Max working current is 200mA ;
- Support two road UARL,one road is RS485,other road is RS232 output;
- Provide SDK development kit, support multiple development languages, easy for users to secondary development.

MULTIPLE CHIOCES

✓ Single JT-2850 module

✓ JT-2850 module+ceramic antenna



✓ JT-2850 module+ RS232 development board+ cermaic antenna