



FPC Connector (12Pin , spaces between PINs: 0.5mm)

Interface	Description
VCC	Power Supply DC 3.5V-5V
VCC	
GND	Grounding
GND	
EN	High Level Enabling
Trigger	Trigger Low Level Available under 09 Mode
RXD	UART RXD
TXD	UART TXD
Beeper	Buzzer Control, external buffer needed
GPIO3	Output IO3
GPIO4	Output IO4
GND	Grounding

Input Voltage	DC 3.5V – 5 V
Standby Mode Current	<80mA (EN High Level)
Sleep Mode Current	<100uA (EN Low Level)
Operating Current	180mA @ 3.5V (26 dBm Output 25°C) 110mA @ 3.5V (18 dBm Output 25°C)
Starting Time	<80mS
Operating Temperature	- 20°C _ + 70°C
Storage Temperature	- 20°C _ + 85°C
Operating Humidity	< 95% (+25°C)
Air Interface Protocol	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Spectrum Range	902Mhz – 928Mhz, 865MHz – 868MHz(Optional)
Supported Regions	US, Canada and other regions following U.S. FCC Europe and other regions following ETSI EN 302 208 Mainland China, Japan, Korea, Malaysia, Taiwan
Output Power	18-26 dBm
Output Power Precision	+/- 1dB
Output Power Flatness	+/- 0.2dB
Receive Sensitivity	< -70dBm
Peak Inventory Speed	> 50 tags/ sec
Tag Buffer Size	200 tags @ 96 bit EPC
Tag RSSI	supported
Host Communication	TTL UART port
GPIO	2 input 2 output (3.3V TTL Level)
Baud Rate	115200 bps(default and recommended) 38400bps
Cooling	no additional cooling devices required