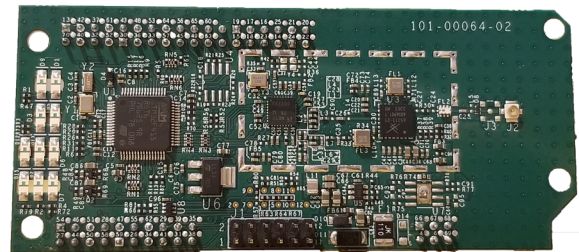
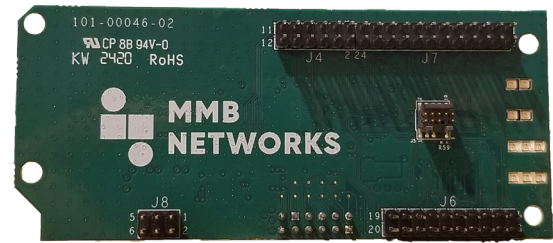


## MMB Networks | Wi-Sun Module

The MMB Wi-SUN Networking Module provides a transparent interface between your end device and a Wi-SUN mesh network.



**Simple Path to Market**



**Better Performance**



**Flexible Solution**

## Module Specifications

Performance and operating range parameters of the module.

Rating	Value	Units
Temperature range (operating)	-40 to +85	°C
Temperature range (storage)	-40 to +125	°C
Input voltage	5.7 to 17	VDC
Current consumption (idle)	25	mA
Current consumption (receiving)	40	mA
Current consumption (transmitting)	300	mA
Receive sensitivity, 150 kbps	-100	dBm
Receive sensitivity, 50 kbps	-105	dBm
Transmit power	29	dBm
Conducted spurious emissions	-41.25 max	dBm/MHz

## Customer-Specified Attributes

These attributes of the module are adjustable to customer requirements. The values shown here are examples of a Wi-SUN module designed for one of our customers.

Attribute	Value
Operating Frequency (customizable)	902 to 928 MHz (can be extended down to 860 MHz)
Dimensions (customizable)	101 x 44 mm (80 x 40mm minimum)
Antenna Connector (customizable)	IPEX/U.FL
Electrical Interfaces (customizable)	1x UART serial (open-drain TX output) 3x GPIO 1x Open-drain GP output 1x Power-fail input (active low) 1x ADC input 4x LEDs
Host Connector (customizable)	12-pin 0.1" header



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