

Wi-SUN Compatible Wireless Module - BP35A1 (New)

The BP35A1 is a 920MHz specified low-power wireless module compatible with Wi-SUN (Wireless Smart Utility Network), an international wireless communication standard optimized for smart communities. A built-in 32bit high-power microcontroller makes it ideal for embedding in a variety of HEMS devices. In addition, the BP35A1 is Radio Law (Japan) certified and incorporates Wi-SUN-compatible firmware that supports HEMS applications, providing greater ease-of-use.

CONTACT US

Buy

Sample

PART NUMBER	STATUS	PACKAGE	UNIT QUANTITY	MINIMUM PACKAGE QUANTITY	PACKING TYPE	CONSTITUTION MATERIALS LIST	ROHS
BP35A1	Active		1	1		Inquiry	Yes

SPECIFICATIONS:

VIN[V]

2.7 TO 3.6

Frequency Band Used[MHz]

920

Rx Sensitivity[dBm]

-103

Icc Transmitting[mA]

46(20mW)

Icc Receiving[mA]

30

Icc Sleeping [uA]

9

Host Interface

UART

MORE

FEATURES:

- Built-in antenna eliminates the need for high-frequency designs
- Transmitting power pre-adjusted
- MAC address included
- Japan Radio Law certified
- Integrated 32bit high-power MCU
- Incorporates HEMS-optimized firmware
- Industry-leading receiver sensitivity

APPLICATIONS:

N/A

PIN CONFIGURATION:

N/A

SUPPORTING LINKS:

N/A

RECENT CLICKS:

Other New/Updated Products Relating to Wireless Communication Modules

PART NUMBER	PRODUCT SERIES	DATASHEET	DISTRIBUTION INVENTORY
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NEW PRODUCTS:

New Product List

ROHM Semiconductor reserves the right to change the specifications at any time.