

Wi-SUN Compatible Wireless Module - BP35A1

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.

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FAQ

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Sample

PART NUMBER	STATUS	PACKAGE	UNIT QUANTITY	MINIMUM PACKAGE QUANTITY	PACKING TYPE	ROHS
BP35A1	Active		1	1		Yes

SPECIFICATIONS:

VIN[V]	2.7 TO 3.6
Frequency Band Used[MHz]	922.5 to 927.9
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

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