## Featured Products





**Enables short-range wireless communication** 

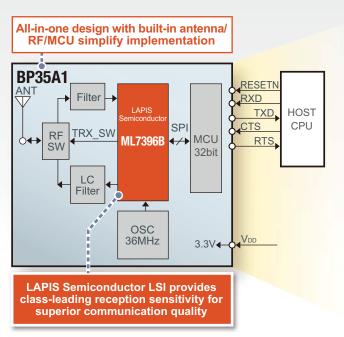
# **Wi-SUN-Compatible Module**

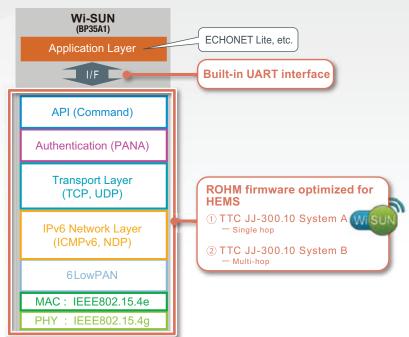


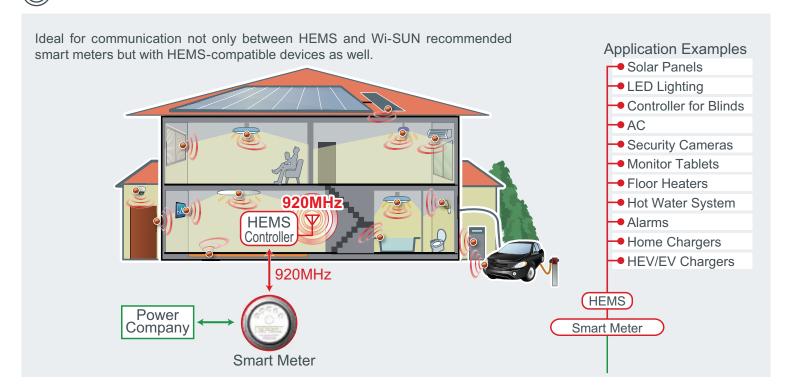
**BP35A1** 



### High-performance MCU enables compatibility with a variety of HEMS equipment (via the user-programmable region)









#### **Specified Low Power Wireless Module**

	art No.	Supply Voltage (V)	Operating Temp. (°C)	Host CPU Interface	Compatible Standards	Wi-SUN Firmware Support	Antenna Diversity Compatibility	Built-in Antenna	Radio Law Certified	Integrated System IC	External Dimensions (mm)	Package*
BP:	35A1	2.7 to 3.6 (Single)	-20 to +80	• UART (115,200bps)	• ARIB STD-T108 • IEEE802.15.4g/e	<b>✓</b>	-	~	✓	ML7396B (LAPIS Semiconductor)	22.0×33.5×4.0	Connector Type 0.4mm pitch(20pin)

#### **Wireless LAN Modules**

Part No.	Supply Voltage (V)	Operating Temp. (°C)	Host CPU Interface	Compatible Standards	Antenna Diversity Compatibility	Built-in Antenna	Internal WPS, TCP/IP	Integrated Flash Memory	Radio Law Certified	Integrated System IC	External Dimensions (mm)	Package*
BP3580	3.1 to 3.5 (Single)	-40 to +85	• USB • SDIO • UART	• IEEE802.11b/g/n (Ch1 to Ch13) • IEEE802.11i (Security)	~	-	~	-	~	BU1805GU	17.0×17.0×2.3	Surface Mount Type 1.27mm pitch (48pin)
BP3591	3.1 to 3.5 (Single)	-40 to +85	• USB • SDIO • UART	• IEEE802.11b/g/n (Ch1 to Ch13) • IEEE802.11i (Security)	_	~	~	-	~	BU1805GU	24.0×33.1×4.7	Connector Type 0.5mm pitch (34pin)
BP3595	3.1 to 3.5 (Single)	-40 to +85	• USB • SDIO • UART	• IEEE802.11b/g/n (Ch1 to Ch13) • IEEE802.11i (Security)	_	~	~	-	~	BU1805GU	15.3×27.6×2.6	Connector Type 0.4mm pitch (30pin)
BP3599	3.1 to 3.5 (Single)	-40 to +85	• USB • SDIO • UART	Firmware included	-	~	~	✓	~	BU1805GU	24.0×33.1×4.7	Connector Type 0.5mm pitch (34pin)

<sup>\*</sup>All packages are original power module designs

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