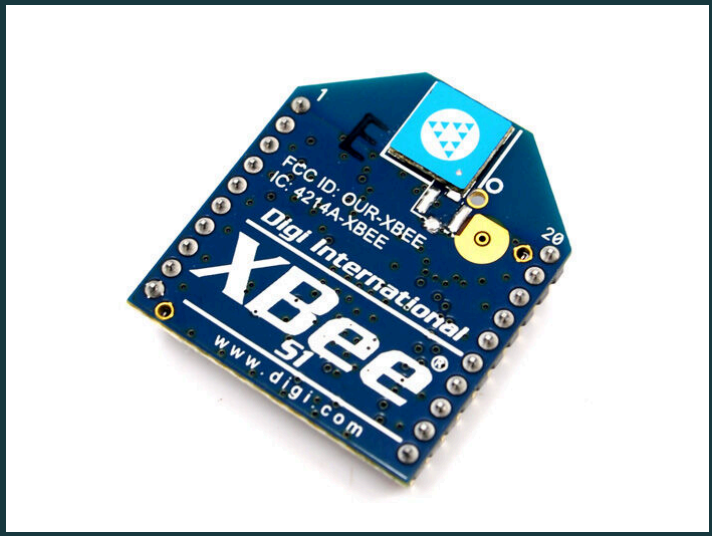
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INDUSTRIAL PRODUCT DATASHEET

XBee Chip Antenna - S1 (802.15.4)

Cost-effective 2.4GHz XBee module for low-power wireless sensor networks with 300 ft range.

SKU	UPDATED	PRICE
113050010	2024-08-09 02:15:06	$21.90(Excl. VAT)



Overview



The XBee Chip Antenna - S1 (802.15.4) is a low-cost, low-power RF module designed for IEEE 802.15.4 wireless sensor networks, offering reliable data delivery between devices. It operates on the 2.4GHz frequency with a line-of-sight range up to 300 ft (90 m), 0dBm transmit power, -92dBm receiver sensitivity, and 250kbps RF data rate.

Key Features

The XBee RF Modules were engineered to meet IEEE 802.15.4 standards and support the unique needs of low-cost, low-power wireless sensor networks. The modules require minimal power and provide reliable delivery of data between devices.

Compared with Pro version, this module is lower cost and lower power, but shorter range.

Features

- Regions: US, EU, AU, JP
- Frequency: 2.4GHz
- Positioning: Low-cost, low-power multipoint
- RF Line of Sight Range: 300 ft / 90 m
- Transmit Power: 0dBm
- Receiver Sensitivity (1% PER): -92dBm
- Form Factor: Through-hole
- RF Data Rate: 250kbps
- Hardware Series: S1

Datasheet

Product Gallery





Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/XBee-Chip-Antenna-S1-802-15--p-1110.html

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