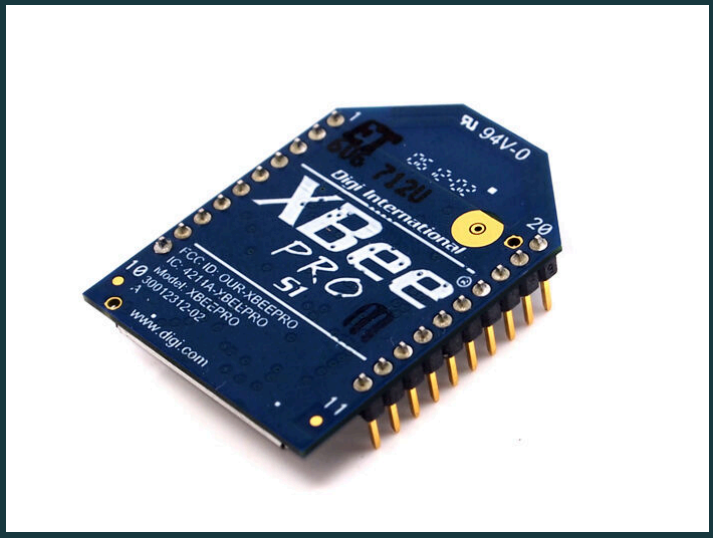
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INDUSTRIAL PRODUCT DATASHEET

XBee Pro Chip Antenna - S1 (802.15.4)

XBee Pro Chip Antenna - S1 (802.15.4) offers long-range 2.4 GHz wireless connectivity for sensor networks with 1-mile range and +18 dBm transmit power.

SKU	UPDATED	PRICE
113050009	2024-08-09 02:15:06	$36.90(Excl. VAT)



Overview



The XBee Pro RF Module meets IEEE 802.15.4 standards for low-cost, low-power wireless sensor networks with reliable data delivery. It features extended-range multipoint RF at 2.4 GHz with up to 1 mile line-of-sight range, +18 dBm transmit power, and -100 dBm receiver sensitivity.

Key Features

The XBee Pro 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 XBee, the Pro version is longer range, but higher power.

Features

- Regions: US, AU
- Frequency: 2.4GHz
- Positioning: Extended-range multipoint
- RF Line of Sight Range: 1 mile / 1.6 km
- Transmit Power: +18dBm
- Receiver Sensitivity (1% PER): -100dBm
- Form Factor: Through-hole
- RF Data Rate: 250kbps
- Hardware Series: S1

Datasheet

Product Gallery





Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/XBee-Pro-Chip-Antenna-S1-802-15--p-1111.html

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