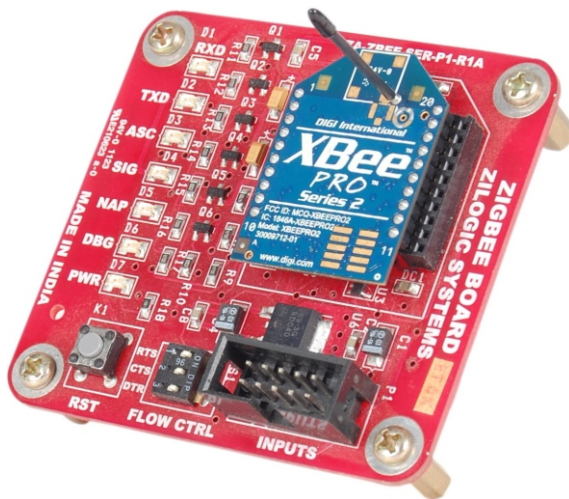# ZigBee Board

ZBEE-SER-P1

Overview

ZigBee is a low power, wireless mesh network standard, largely used in the areas of home automation, medical data collection and industrial control. The ZigBee Board connects development kits with a UART-I2C header to a ZigBee network.

At the core of the ZigBee Board is the XBee module from Digi, which implements the ZigBee stack. The program running on the development kit can interact with the ZigBee stack, by sending commands through the UART interface.

The board can be used for prototype development by hobbyists, engineers and students. The board is also suitable for teaching and learning wireless technology ZigBee.
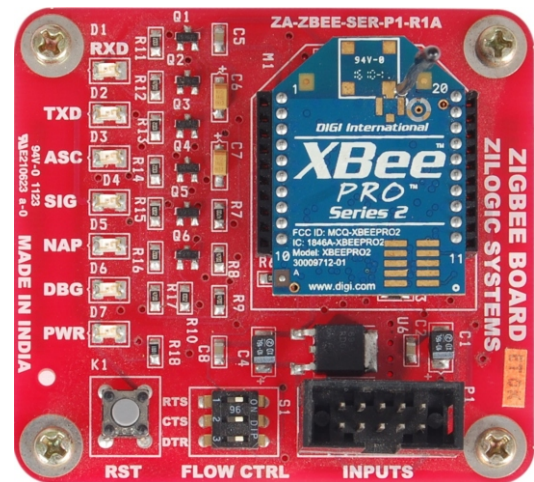
Features:

- Powered from motherboard
- Built in +3.3V regulator for XBee module
- XBee ZB and XBee-PRO ZB compatible
- LEDs for TX/RX and ZigBee state
- Debug LED and Key

Wireless Parameters

Parameter	Xbee ZB	XBee-PRO ZB
Date Rate	250 Kbps	250Kbps
Indoor Range	40m	90m
Line of Sight	120m	1500m
Tx. Power	1.25mW/2mW	63mW

Ordering Information

Product Number	Description
ZA-ZBEE-USB-P1-R1A	USB ZigBee Adapter

Zilogic Systems Private Ltd

15, IV Main Road, Kamraj Nagar, Thiruvanmiyur, Chennai - 600041. Tamil Nadu. INDIA.
+91-44-24480505   http://www.zilogic.com