


ZigBee SOC 2400MHz 1000Kbps

Manufacturer:	<u>Digi International Inc</u>
Package/Case:	XBeeNetworking
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

Key Features

RF 250Kbps, serial up to 1Mbps data rate

Firmware upgrades via UART, SPI or over the air (OTA)

Indoor/urban range up to 200ft (60m), outdoor/RF line of sight range up to 4000ft (1200m)

Transmit power is 3.1mW (+5dBm) / 6.3mW (+8dBm) boost mode

Receiver sensitivity is -100dBm / -102dBm boost mode

ISM 2.4GHz frequency band, DSSS (direct sequence spread spectrum) interference immunity

(4) 10bit ADC inputs, 15 digital I/O, 128bit AES encryption

Operating temperature range from -40°C to +85°C, supply voltage from 2.1V to 3.6V

Dimension is 0.960inch x 1.087inch (2.438cm x 2.761cm)

Transmit and receive current is 33mA at 3.3VDC/45mA boost mode and 28mA at 3.3VDC/31mA boost mode

Recommended For You

XBP9B-DMUT-002

Digi International Inc

Module

XB24CAWIT-001

Digi International Inc

XBeeNetworking

XB3-24Z8PT

Digi International Inc

XBeeNetworking

XB3-24Z8US-J

Digi International Inc
-Zigbee

XB3-24Z8ST

Digi International Inc
XBeeNetworking

XB2B-WFPT-001

Digi International Inc
XBeeNetworking

XB3-24Z8RM-J

Digi International Inc
XBeeNetworking

XB8-DPPS-001

Digi International Inc
Module

XB8-DMRS-002

Digi International Inc
XBeeNetworking

XB2B-WFWT-001

Digi International Inc
XBeeNetworking

XB9B-DMST-012

Digi International Inc
XBeeNetworking

XB9B-DMST-002

Digi International Inc
PIN-20

XBP24-AWI-001

Digi International Inc
BGA

XB3-24Z8ST-J

Digi International Inc
SMD

XB3-24Z8RM

Digi International Inc
SMD