



XBee - Simple Board 990.001



Description

The XBee - Simple Board has been designed to allow an easy and reliable connection between the Xbee's modules and your application. XBee and XBeePRO modules are fully supported, even the new XBee Series 2 is supported (but not tested yet). The rock solid construction and the high power voltage regulator ensure the maximum reliability and full performances of the XBee module.

Two useful LEDs allow constant monitoring of the board activity and fast troubleshooting. You can connect the Board in several methods. You can use two 12 pin male headers to use the Board with a standard 24pin 2.54mm DIL form factor or you can use only the pins you need for your application. You can also solder the wires directly to the pins needed. A useful connector is provided on the back side of the Board, here you can find the most important XBee connections. A 90° strip header can be used here or any 2.54mm pitch connector, depending on your application needs.

The Board can be powered from a regulated 3.3V source, on any 3.3V pins, or from an unregulated power source up to 12V through the VIN pin. When the internal regulator is used, you can power external devices from any 3.3V pins. The source power depends on the XBee module installed.

XBee and XBeePRO are Trademarks of Maxstream Inc.

Technical Specifications

- **XBee Modules:** XBee and XBeePRO are fully supported. XBee Series 2 are also supported
- **3.3V OUT - Output Power:** depends on the Xbee module used. About 300mA available with XBee, and 140mA with XBeePRO modules.
- **Dimensions:** 37.5 x 27.5mm - max height 7 mm without Xbee module.

Features

RSSI and ASSOCIATE LEDs to monitor Xbee activity

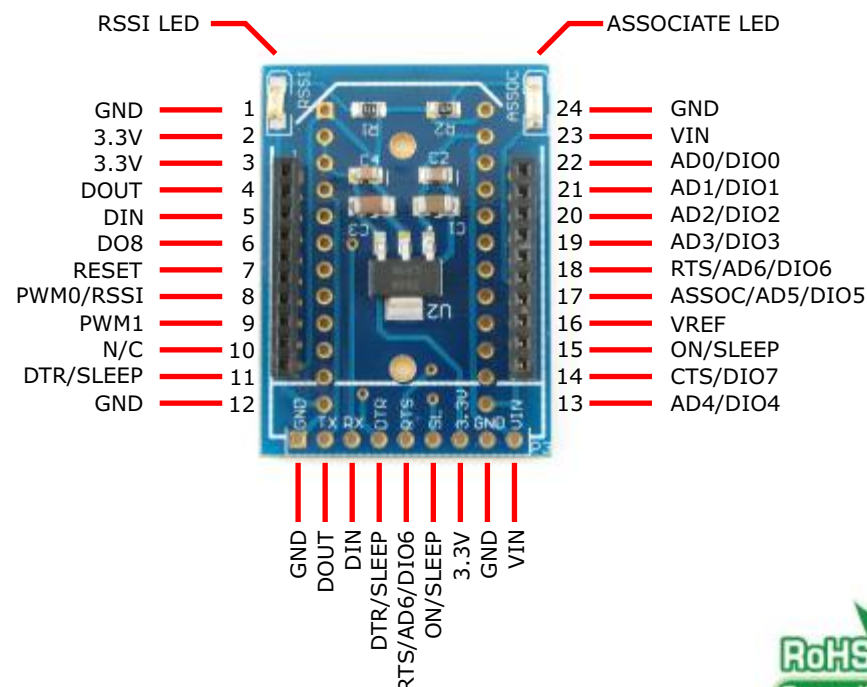
3.3V OUT to power external devices (MCU's, boards, etc)

DIL 24 form factor connector to use the Board on Bread Boards or other 2.54mm pitch standard boards

9 pin 2.54mm pitch rear connector for easy and fast connection

Compact Size just few millimeters bigger than an XBee Pro module

Layout



DROIDS SAS
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00139 ROMA ITALY
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info@droids.it

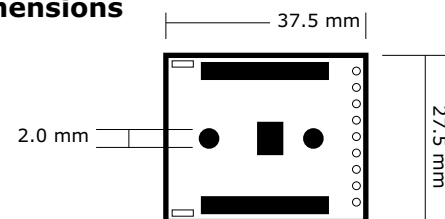
Note

Connectors and headers NOT included. You can use any 2.54mm pitch connector

Links

XBee Modules and Documentation:
www.maxstream.net

Dimensions



Applications

