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MICROMOUSE

ZIGBEE

The XBee-PRO S2B RF Module is the ideal solution for low-power wireless sensor networks requiring long range data integrity. The modules require minimal power and provide reliable delivery of data between devices. The modules operate within the ISM 2.4 GHz frequency band and are pin-for-pin compatible with each other.

The XBee-PRO S2B RF Module interfaces to a host device through a logic-level asynchronous serial port. Through its serial port, the module can communicate with any logic and voltage compatible UART; or through a level translator to any serial device (For example, through a USB interface board or an RS-232 level shifter).

Data flow diagram