

RN4678 Bluetooth 4.2 Dual Mode PICTail/PICTail Plus Daughter Board

Part Number: RN-4678-PICTAIL

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RN4678 PICTail™ / PICTail Plus Board provides rapid prototyping and developing for Bluetooth data applications for Classic SPP or Bluetooth Low Energy. It can be powered via USB host or external battery. The RN-4678-PICTail utilizes the RN4678 module, a fully-certified Bluetooth 4.2 dual mode RF module supporting Bluetooth Classic SPP (Serial Port Profile) and Bluetooth Low Energy (BLE), to provide a Bluetooth serial data connection. The RN-4678-PICTail provides a USB to UART converter allowing a flexible interface to the host PC, a PC terminal utility, and Smartphone Apps to drive both classic SPP and BLE data connections.



Features

Package Contents

- Easy to use development board with on-board Bluetooth 4.2 stack
- Class 2 transmitter, +2dBm typical
- Transparent serial data connection over Bluetooth Classic Serial Port Profile (SPP) and Bluetooth Low Energy transparent serial data service
- Automatic configuration mode for quick setup (default)
- Manual configuration mode where MCU can access configuration settings
- Embedded MCP2200 USB-UART converter, no need for extra converter board or cable
- Integrated programming interface to update firmware and configuration settings

Documentation & Software

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