Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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RN4870 Bluetooth Low Energy PICtail / PICtail Plus Daughter Board

Part Number: RN-4870-SNSR

The RN-4870-SNSR is a development board based on the ultra-compact Bluetooth 4.2 Low Energy RN4870 module. The RN4870 uses a simple ASCII command interface over the UART. The board enables evaluation of the RN4870 and development of Bluetooth low Energy applications in two different ways:

1) Out of the box: When plugged into the USB port of a PC, the board will enumerate as a Communication Device Class (CDC) Serial device. Through a terminal program, users can configure and control the module and transfer data using the easy to use provided command set.

2) As a PICtail/PICtail Plus, the board interfaces to Explorer 8 or Explorer 16 Development Board. The Explorer 8/16 modular development system works with one of hundreds of available PIC 8, 16, 32 bit Microcontrollers PIM (Plug-In-Modules). The PICtail bridges the host MCU UART to the RN4870's UART interface for data transfer or configuration using the straight-forward, easy-to-use ASCII style command set.

Features

Bluetooth® 4.2 Compliant RN4870 module with on-board antenna and 2dBm output power

Plug-and-Play USB interface for configuring and controlling the module

PICtail interface for connection to Microchip's most popular Microcontroller development platforms, such as Explorer 16

USB indication, module status and User configurable LEDs

Coin cell Battery, USB or PICtail power options

Potentiometer

Light sensor

iOS app for demonstration

Package Contents

RN4870 PICtail / PICtail Plus Daughter Board
Sensor board
Mini-USB cable

Documentation & Software
No Document related