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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Development Kit Mega128

Development environment for startup of pluggable radio modules deRFmega128 for 2.4 GHz

Contents

- 2 x Sensor Terminal Board
- 3 x Adapter deRFtoRCB
- 3 x deRFmega128-22A00 module
- 4 x connection cable
- 1 x Software CD

The kit is a development platform for the ATmega128RFA1 based pluggable radio modules deRFmega128-22A00 and deRFmega128-22A02 for the 2.4 GHz frequency band.
It allows a quick start-up and tests of simple wireless radio applications based on the MAC stack or advanced development of own applications based on 6LoPWAN or ZigBee.

Software

The kit CD contains a comprehensive software package with many example applications that cover the typical IEEE 802.15.4 features from simple point-to-point connections to network applications with routing and beacons. Documentation, data sheets and manuals of the respective hard- and software components are also included on the kit CD.

The nodes are delivered as wireless UART and can be connected to any PC via USB. Via a terminal program the PCs can wirelessly communicate with each other.