

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.

