



MP Access Radio module

User's manual and operational description

General

The MP Access radio module is intended for use as a separate module enabling radio communication in various products.

On the radio module a 32 bit ARM microcontroller with a radio transceiver is mounted. This microcontroller is possible to provide with software performing various advanced tasks. Through the connectors on the module the microcontroller I/O:s can be reached, enabling serial communication, digital input/output control etc.

Technical specifications

Supply voltage: 4,3-16 VDC

Power consumption: appr: 300 mW

Radio communication standard: IEEE 802.15.4

The microcontroller I/O:s are connected to two connectors, each 30 pin, on the radio module.

Labeling

The radio module is equipped with a label stating the part number, serial number, FCC-ID and CE marking. The final product in which the module is installed must display a label with the following text:

“Contains FCC ID: B7WACCESS”

Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The final product user manual shall contain the following text:

“WARNING! Changes/modifications not approved by the responsible party could void the user’s authority to operate the equipment. This transmitter must not be relocated or operated in conjunction with any other antenna or transmitter. ”

“This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person’s body (excluding extremities: hands, wrists, feet and ankles).”

References

Schematics: 02010016, Layout: MK119400

Contact information

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