



Qolsys Zigbee Radio Card

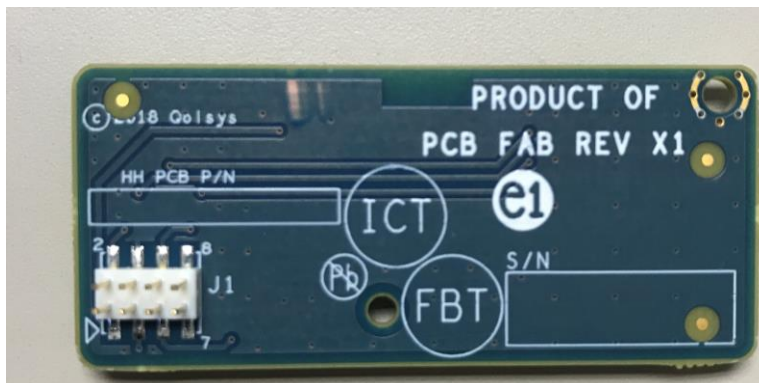


General Applications:

The Qolsys Zigbee Radio Card features the Silabs MGM13P02HGA, which is a multiple protocol supported chip. The Qolsys Zigbee Radio Card uses the Zigbee protocol on the MGM13P02HGA module to interface to Smart Energy Devices

Installation and Operation:

It is recommended to secure the module to a large ground plane using the mounting hole and header pins. Do not place any large pieces of metal around or near the antenna, as it will inhibit performance.



The Qolsys Zigbee Card operates around 2.4GHz with an output power up to +10dBm. Data and protocol specifications are beyond the scope of this document. Please contact Qolsys for the technical specifications.

FCC Compliance:

FCCID: 2AAJXQS-ZB

This equipment complies with radiation exposure limits set forth for uncontrolled environment. The antenna(s) used for this transmitter must be installed to provide a separation of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.



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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC Compliance:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux normes d'exemption de licence RSS d'Industry Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement, votre corps, et d'autres antennes ou transmetteurs.

CAN ICES-3 (B)/NMB-3(B)

Warranty Information:

IMPORTANT! Changes or modifications not expressly approved by Qolsys Inc. could void the user's authority to operate the equipment, as well as warranty for the product.