

Z-Wave Module – MC008-1

FEATURES

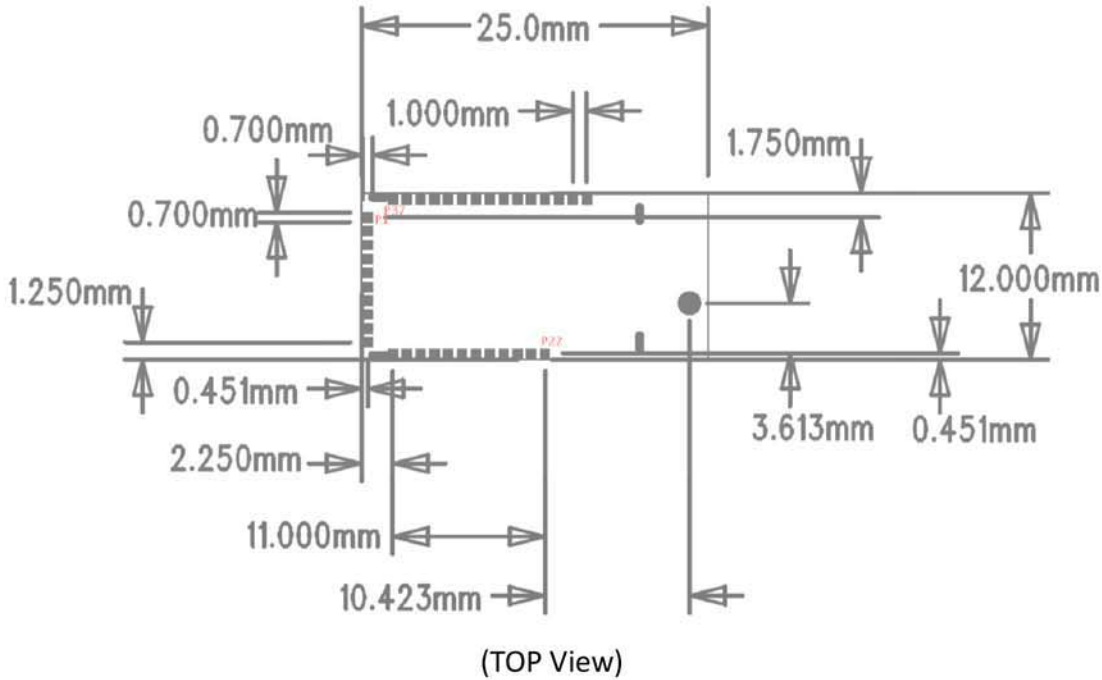
- Integrate MCU and RF transceiver
- RF output type Dipole or IPEX
- 128kB Flash, 16kB SRAM
- 4-channel 12-bit ADC
- 4-channel 16-bit LED PWM
- Hardware AES 128 security engine
- SPI, UART, PWM
- 9.6/40/100 kbit/s data rates
- Regional modules for 868/908/921 MHz
- Regulator input voltage 2.3V ~ 3.6V
- Module size 25mm x 12mm x 3.1mm
- Firmware upgrade through SPI



APPLICATIONS

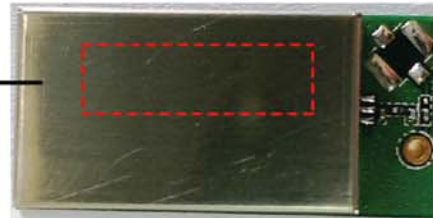
- Thermostats
- Locks
- Light Dimmers
- Sensors
- Remote Controls
- Smart Meters
- Any ITU-T G.9959 compliant devices
- (Short range, narrowband, digital radio communication transceivers)

Dimension



FCC ID Label

FU5MC008



Warning:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

Federal Communication Commission Interference Statement

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 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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

End Product Labeling

This transmitter module is authorized only for use in device where the antenna may be installed such that 20cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: "Contains FCC ID: FU5MC008"
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Information for the OEMs and Integrators

The following statement must be included with all versions of this document supplied to an OEM or integrator, but should not be distributed to the end user.

- 1) This device is intended for OEM integrators only.
- 2) Please see the full Grant of Equipment document for other restrictions.