



SMSKV3 Module User Integration

Manual

Overview

The SMSKV3 module with FCC ID: 2BU3E-SMSKV3 and IC ID: 29581-SMSKV3 is identical to the Silicon Labs RS9116-B0014 module with IC ID: 8407A-B001P4V2P1 and FCC ID: XF6-B001P4V2P1 under FCC “Change in ID” and ISED “Multiple Listing” procedures.

This manual captures the FCC and IC certification requirements for integration of the SMSKV3 module into a host product. Detailed specifications and operations of the SMSKV3 module are identical to the Silicon Labs RS9116-B0014 module and can be found in the Silicon Lab RS9116-B0014 Connectivity Module Datasheet.

RF Certification Information

Federal Communications Commission (FCC) Certification Information

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (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 causes 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 doing 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.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Label Instructions

The outside of final products that contains this module must display a label referring to the enclosed module. This exterior label can use wording such as: "Contains BT/WiFi Module FCC ID: 2BU3E-SMSKV3".

Innovation, Science and Economic Development (ISED) Canada Certification Information:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Ce dispositif contient une licence qui autorise le (S) émetteur (S)/ récepteur (S) qui est (sont) autorisé (S) avec Innovation, La licence canadienne en matière de Science et de développement économique fait l'objet de deux conditions:

- (1) ce dispositif peut ne pas causer de gêne.
- (2) cet appareil doit accepter toute intrusion, y compris celle qui peut provoquer l'indésirabilité Fonctionnement de l'appareil,

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Déclaration d'exposition aux radiations: 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 et votre corps.

ISED Label Instructions

The outside of final products that contains this module must display a label referring to the enclosed module. This exterior label can use wording such as: "Contains BT/WiFi Module IC ID: 29581-SMSKV3".