

# **SMBus Controlled NVDC-1 Charge Controller, N-CH MOSFET Selector and Current Monitor**

The bq2471x evaluation module (EVM) is an SMBus controlled NVDC-1 charge controller with N-CH MOSFET selector and current monitoring. The input voltage range, for the buck converter, is between 6 and 24 V, with a programmable output of 2–3 cells (bq24715) and 3–4 cells (bq24717) and charge output current range of 128 mA to 8.128 A.

This EVM doesn't include the EV2400 interface device (HPA500); this must be ordered separately to evaluate the bq2471x EVM.

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To request a full user's guide, please send an email to:  
[bq24715\\_request@list.ti.com](mailto:bq24715_request@list.ti.com)

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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.

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- 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.

### 3.2 Canada

#### 3.2.1 For EVMs issued with an Industry Canada Certificate of Conformance to RSS-210

##### **Concerning EVMs Including Radio Transmitters:**

This device complies with Industry Canada license-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.

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2. Use EVMs only after User obtains the license of Test Radio Station as provided in Radio Law of Japan with respect to EVMs, or
3. Use of EVMs only after User obtains the Technical Regulations Conformity Certification as provided in Radio Law of Japan with respect to EVMs. Also, do not transfer EVMs, unless User gives the same notice above to the transferee. Please note that if User does not follow the instructions above, User will be subject to penalties of Radio Law of Japan.

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