Safety Precautions

This document describes the precautions which should be taken in order to use QB-MINI2 and QB-V850MINIL safely and properly. Be sure to read and understand this document before using QB-MINI2 and QB-V850MINIL. Contact us if you have any questions about the precautions described here.

⚠️ WARNING
WARNING indicates a potentially dangerous situation that will cause death or heavy wound unless it is avoided.

⚠️ CAUTION
CAUTION indicates a potentially dangerous situation that will cause a slight injury or a medium-degree injury or property damage unless it is avoided.

In addition to the two above, the following are also used as appropriate.

⚠️ means WARNING or CAUTION.
Example:

⚠️ CAUTION AGAINST AN ELECTRIC SHOCK

☐ means PROHIBITION.
Example:

☐ DISASSEMBLY PROHIBITED

● means A FORCIBLE ACTION.
Example:

● UNPLUG THE POWER CABLE FROM THE RECEPTACLE.
Safety Precautions <QB-MINI2, QB-V850MINIL>

## WARNING

### Warnings for AC Power Supply:

Do not repair or remodel the emulator product by yourself in order to prevent danger such as an electric shock or fire and for the sake of quality assurance. For after-sale services in case of a mechanical or electrical fault, please contact your local distributor.

Always switch off the host computer and user system before connecting or disconnecting any cables or parts. Neglect of this precaution will result in getting an electric shock or will result in the emulator product or user system emitting smoke or catching fire. Also, the user program under debug will be destroyed.

Make sure that the connectors on both ends of the user-system interface cable are facing the right way relative to the user-side connector on the emulator and the connector on the user system, respectively. Neglect of this precaution will result in getting an electric shock or will result in the emulator product or user system emitting smoke or catching fire.

### Warnings to Be Taken for Handling:

Do not modify this product. Personal injury due to electric shock may occur if this product is modified. Modifying the product will void your warranty.

### Warning for Installation:

Do not set this product in water or areas of high humidity. Make sure that the product does not get wet. Spilling water or some other liquid into the product may cause un-repairable damage.

### Warning for Use temperature:

Care should be taken that a maximum ambient temperature is not exceeded when this emulator is to be used.
## Safety Precautions \(<QB\)-MINI2, QB-V850MINIL>\)

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| **Cautions to Be Taken for Turning On the Power:** | Observe the following specified order for the power-on and power-off procedures of the user system and the emulator. Doing otherwise may cause the user system or the emulator to fail.  
Power ON: (1) Emulator power ON, (2) User system power ON, (3) Start emulator debugger  
Power OFF: (1) Exit emulator debugger, (2) User system power OFF, (3) Emulator power OFF |
| **Cautions to Be Taken for Handling This Product:** | Use caution when handling the product. Be careful not to apply a mechanical shock.  
Do not touch the connector pins of the emulator and the target MCU connector pins directly. Static electricity may damage the internal circuits.  
When attaching and removing the cable, hold the plug of the cable and do not touch the cable.  
Do not pull the emulator by the communications interface cable or the flexible cable. And, excessive flexing or force may break conductors. |
| **Note on Transporting the Product:** | When sending your product for repair, use the packing box and cushioning material supplied with the product when it was delivered to you and specify caution in handling (handling as precision equipment). If packing of your product is not complete, it may be damaged during transportation. When you pack your product in a bag, make sure to use the conductive plastic bag supplied with the product (usually a blue bag). If you use a different bag, it may lead to further trouble with your product due to static electricity. |
| **Caution to Be Taken for System Malfunctions:** | If the emulator malfunctions because of interference like external noise, do the following to remedy the trouble.  
(1) Exit the emulator debugger, and shut OFF the emulator and the user system.  
(2) After a lapse of 10 seconds, turn ON the power of the emulator and the user system again, then launch the emulator debugger. |
| **Caution to Be Taken for Disposal:** | Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation. |
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