

Release of an RX231 HMI Solution Kit (R0K5RX231D000BR)

We are releasing the RX231 HMI (human-machine interface) solution kit to support your development of HMI products!

1. Outline of the Product

This kit is a board product that can be used as a reference to realize HMI functions in combination with the RX231, or in software development and an evaluation.

The demo program implemented on this board will give you a feel for the HMI before you create a prototype. The kit includes sample source code (an e2 studio project) which is extracted from the demo program (the parts for handling touch input and an LCD display) and an application note.

Users can test and evaluate original functions by combining this sample source code with the board.

This product is suitable for beginning the development of an MCU-driven HMI, or to shorten development times by using this kit as a reference.

For an overview of the product, visit our Web site at:

<https://www.renesas.com/r0k5rx231d000br>

2. Features

- Basic HMI development and evaluation with a combination of an LCD display, audio playback, and touch input
- A pyroelectric infrared sensor, an acceleration sensor, and a Smart Analog IC for the development and evaluation of sensor applications
- Basic HMI operation can easily be checked with the default demo program, which incorporates code for the above functions
- On-board USB connectors (host and peripheral) for the development and evaluation of USB communications. USB boot mode is also available.
- The ease of drawing out signals from unused pins of the RX231 makes expanding functionality easy.

3. Purchasing the Product

To check the price or order the product, contact your local Renesas Electronics marketing office or distributor with the following information.

Product name: RX231 Human Machine Interface Solution Kit

Model name for ordering: R0K5RX231D000BR

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