

[New release]

R20TS0234EJ0100

Renesas Starter Kit for RX130-512KB

Rev.1.00

- Support for RX130 Containing Capacitive Touch Sensor with Extended Memory and Number of Pins -

Feb. 1, 2018

Outline

We have released the Renesas Starter Kit for RX130-512KB with support for RX130 (512-KB program flash, 100-pin).

1. Overview

Renesas Starter Kit for RX130-512KB is a starter kit intended for novice users of the RX130 (512-KB program flash, 100-pin).

The kit includes all the following hardware and software necessary for development, for immediate evaluation of the RX130.



Figure 1 e² studio Edition
(A dedicated installer disk comes with the CS+ Edition.)

➤ Hardware

- CPU board with the RX130 (512-KB program flash, 100-pin) device mounted
- Pmod™-compatible LCD board
- E2 emulator Lite

- Software (e² studio edition)
 - e² studio integrated development environment
 - Evaluation version of C/C++ Compiler Package for RX Family
 - Sample programs
 - * The product does not come with a dedicated installer disk. You can install all the software products at once from the Renesas website.
- Software (CS+ edition)
 - CS+ integrated development environment
 - Evaluation version of C/C++ Compiler Package for RX Family
 - Evaluation version of Renesas Flash Programmer
 - Sample programs

For details of Renesas Starter Kit for RX130-512KB, refer to the URL below.

<https://www.renesas.com/rskrx130-512kb>

2. Features

- A touch key (self-capacitance system) interface facilitates evaluation of touch.
- The communication function such as IIC and SCI can be evaluated.

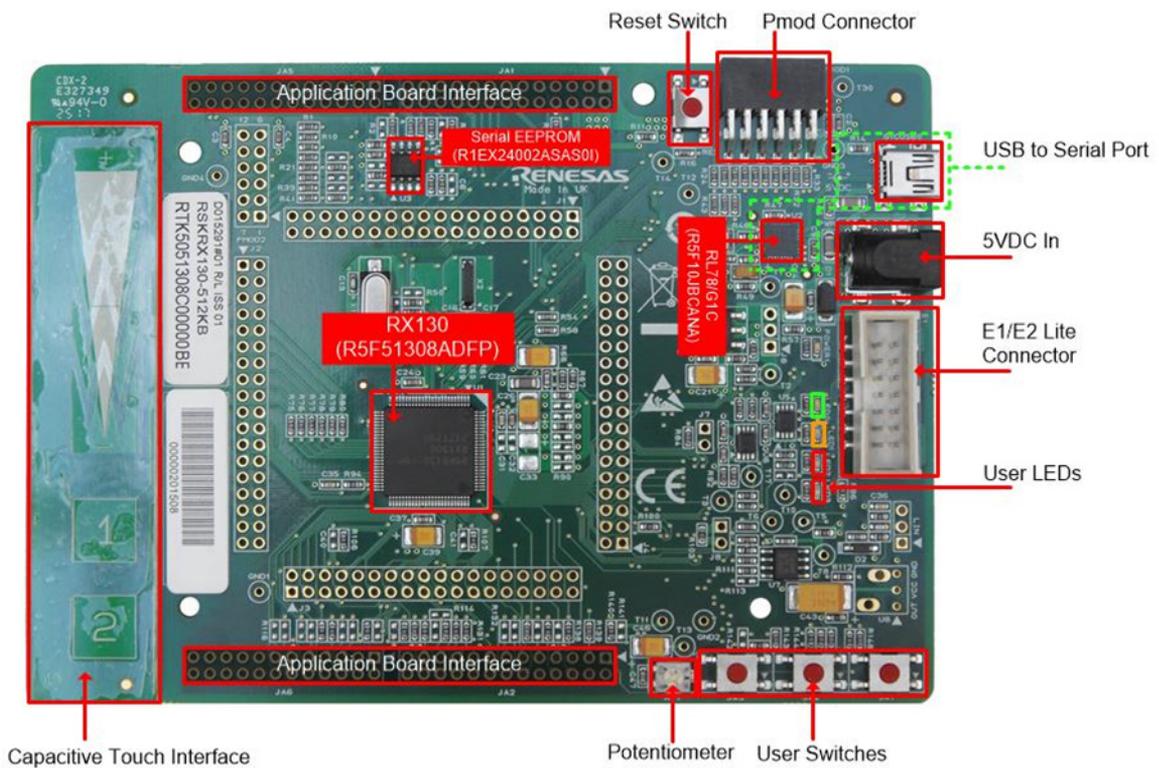


Figure 2 CPU Board

3. Operating Environment

- IBM PC/AT compatible
- Windows® 10 (32-bit edition, 64-bit edition)
- Windows® 8.1 (32-bit edition, 64-bit edition)
- Windows® 7 (32-bit edition, 64-bit edition)
- Processor: 1 GHz or more (hyper-threading and multi-core CPU are supported)
- Memory capacity: 2 GB or greater is recommended.

At least 1 GB is required (Windows 10 and a 64-bit edition of Windows require at least 2 GB).

- Hard disk capacity: At least 1 GB of free space
- Display: Resolution of at least 1024 × 768, with 65536 or more colors

4. How to Purchase the Product

For product ordering, contact your local Renesas Electronics marketing office or distributor with the following information.

For product pricing, make inquiries in the same manner.

Part Number (Ordering Number)	Emulator	IDE	Shipper
YRTK5051308S00000BE	E2 Lite	e ² studio	UK
RTK5051308S00000BE	E2 Lite	CS+	UK / Japan
RTK5051308S90000BE	None	CS+	Japan

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Feb. 1, 2018	-	First edition issued

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061 Japan
 Renesas Electronics Corporation

■Inquiry

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

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