

[New release]

R20TS0234EJ0100

## Renesas Starter Kit for RX130-512KB

Rev.1.00

Feb. 1, 2018

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

### 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 e<sup>2</sup> 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 (e<sup>2</sup> studio edition)
  - e<sup>2</sup> 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.

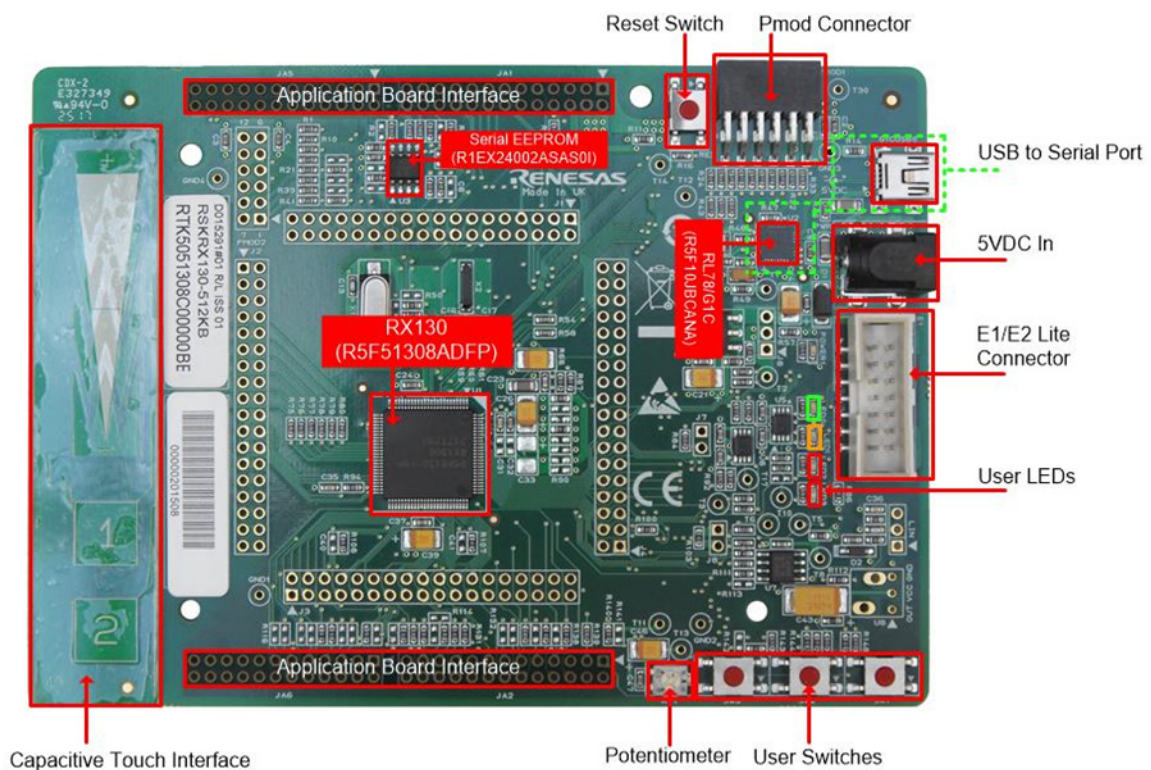


Figure 2 CPU Board

### 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 <sup>2</sup> 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/>

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

The URLs in the Tool News also may be subject to change or become invalid without prior notice.

All trademarks and registered trademarks are the property of their respective owners.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Renesas Electronics:

[RTK5051308S00000BE](#) [RTK5051308S90000BE](#)