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Renesas Starter Kit for RX113

Target Devices

[RX113](#)

Device Part No. populated on the board: R5F51138ADFP (RX113)

Product Overview

The Renesas Starter Kit for RX113 is intended as a user-friendly introductory and evaluation tool for the RX113 microcontroller. The board also provides a useful platform for evaluating the Renesas suite of development tools for coding and debugging, using CS+ as well as programming the device using E1 emulator and/or Renesas Flash Programmer.

The Renesas Starter Kit for RX113 may be connected to the host PC using the included USB E1 on chip debugging interface.

The purpose of the board is to enable the user to evaluate the capabilities of the device and its peripherals by giving the user a simple platform on which code can be run only minutes from opening box. It can also prove an invaluable tool in development by providing a useful test platform for code already debugged using one of our more powerful emulation tools.

*** In order to make a product installer active, this product needs the Internet environment.**

* CS+ is not generally promoted to the U.S. and European customers. Customers in the U.S. and Europe who are interested in CS+ are requested to contact our regional marketing departments for details.

Configuration

[Kit with CS+]

| | |
|--|--|
| CPU Board | |
| Detachable LCD Application Board V2 | |
| Detachable AD Adjustment Shaft | |
| E1 Emulator | |
| Connection Cable (USB Cable, User Interface Cable) | |
| Quick Start Guide | |
| DVD-ROM | |
| - Documents: | User Manual, Tutorial, and more |
| - IDE: | CS+ (Evaluation Software) C/C++ Compiler Package for RX Family Evaluation Version E1 Emulator Debugger |
| - Flash Memory Programmer: | Renesas Flash Programmer (Evaluation Software) |

Notes

The CS+ Evaluation Software does not come with technical support services. In addition, The CS+ Evaluation Software has some restrictions compared to the Product Version.

The C/C++ Compiler Package for RX Family Evaluation Version does not come with technical support services. In addition, The C/C++ Compiler Package for RX Family Evaluation Version has some restrictions compared to the Product Version.

Trial period: 60 days

The link size will be limited to 128 KB after 60 days.

The Renesas Flash Programmer Evaluation Software does not come with technical support services.

[Kit with e²studio]

CPU Board
 Detachable LCD Application Board V2
 Detachable AD Adjustment Shaft
 E1 Emulator
 Connection Cable (USB Cable, User Interface Cable)
 Quick Start Guide
 DVD-ROM

- Documents: User Manual, Tutorial, and more

- IDE: e²studio
 C/C++ Compiler Package for RX Family Evaluation Version
 E1 Emulator Debugger
 and more

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PC System Requirements

[Kit with CS+]

IBM PC/AT or compatible PC (USB 2.0 interface necessary) *1
 Processor 1GHz or higher (must support hyper-threading, multi-core CPUs)
 Memory 2GB or more recommended. Minimum requirement is 1GB or more (64-bit Windows requires 2GB or more) *2
 Display 1024 x 768 or higher resolution, 65,535 or more colors
 Windows Vista / Windows 7 / Windows 8 *2

*1: IBM and PC/AT are registered trademarks of International Business Machines Corporation of the U.S.

*2: Windows are registered trademarks of Microsoft Corporation of the U.S.

[Kit with e²studio]

IBM PC/AT or compatible PC (USB 2.0 interface necessary) *1
 Processor 1.6 GHz or higher
 Memory 1 GB or more recommended.
 Windows 7 / Windows 8 *2

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Technical Support

If you encounter problems concerning the bundled debugger (E1), please contact <http://www.renesas.com/contact/>.

When contacting us, please have the following information ready:
 your name, company name, department name, fax number, MCU part number (ex. MCU: R5F51138ADFP), tool part number, version of debugger and a brief description of the problem.

CS+ Evaluation Software and Renesas Flash Programmer Evaluation Software do not come with technical support services.

Ordering Information

| Product Name | Debugger Supplied | Part Number (Ordering Number) | Availability |
|--|-------------------|-------------------------------|-------------------|
| Renesas Starter Kit for RX113 (Kit with CS+) | E1 | R0K505113S000BE | Under Development |
| Renesas Starter Kit for RX113 (Kit with e ² studio) | E1 | YR0K505113S000BE | Available |

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