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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 e^{2}studio]

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: e^{2}studio
             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. Minumum 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 e^{2}studio]

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

  *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.

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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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