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CS+ Integrated Development Environment Package V8.07.00

R20UT5062EJ0100
Rev.1.00
Dec 03, 2021

Release Note

Thank you for using the CS+ integrated development environment.

This document describes restrictions on and points for caution regarding the CS+ package. Read this document before using the package.

This document applies to the following products:

- CS+ V8.07.00

- CS+ for CC V8.07.00

- CS+ for CA, CX V4.07.00

The actual package version may be different from the version indicated by the version display facility of CS+.

Refer to Appendix   Supported Devices and Tools, regarding the version indicated by the version display facility.

Contents

Chapter 1.   Operating Environment

The operating environment for use with CS+ is described below.

1.1   Hardware environment

The following hardware environments are supported.

- Processor: At least 1 GHz (support for hyper threading/multicore CPU)

- Main memory: 2 GB or higher recommended

- Display: Resolution at least 1,204 x 768; at least 65,536 colors

- Interface: USB 2.0

1.2   Software environment

The following software environments are supported.

- Windows 8.1 (64-bit editions)

- Windows 10 (64-bit editions)

- Microsoft .NET Framework 4.6.2

- Microsoft Visual C++ 2015 Update 3 runtime libraries (x86)

- Online help: Internet Explorer, Edge, Chrome, or Firefox (The latest version is recommended)

Remark   For any of these, we recommend having the latest service pack installed.

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Chapter 2.   Points for Caution

This section states general points for caution.

2.1   Renesas Flash Programmer

The Renesas Flash Programmer included in the CS+ package is the free evaluation edition. Accordingly, please refrain from raising questions with our inquiry window.

Microcontrollers supported by the Renesas Flash Programmer are listed on the following Web site.

https://www.renesas.com/rfp

Windows administrator privileges are required to install the software.

2.2   "R8C" in User's Manual and Online Help

Although the user's manuals and the online help system include statements regarding the R8C Family, CS+ does not support that family.

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Chapter 3.   Points for Caution Regarding Installation and Uninstallation

This section provides points for caution regarding installation and uninstallation.

3.1   Points for caution regarding installation

3.1.1   Installation of the product version

Please be sure to register the license key by using the license management tool[1] after software installation.

*1 Node Locked License: License manager

Floating License: Floating License Server

3.1.2   Administrator privileges

Windows administrator privileges are required to install the software.

3.1.3   Execution environment

The Microsoft .NET Framework and the Microsoft Visual C++ runtime libraries are required to run the installer. If the Microsoft .NET Framework or the Microsoft Visual C++ runtime libraries are not installed, the CS+ IDE Package installer will install them.

3.1.4   Network drives

The software cannot be installed from a network drive.

It also cannot be installed on a network drive.

3.1.5   Installation folder name

The available characters for specifying the installation folder are the same as for Windows.

The 12 characters / * : < > ? | " \ ; , # and %nn (n: number of hexadecimal) cannot be used. Folder names also cannot start or end with a space.

3.1.6   Required files after installation

The following folder is created after installation. Do not delete it because it contains files that are necessary for the tools to run.

C:\Program Files (x86)\Common Files\Renesas Electronics CubeSuite+\

3.1.7   Modifying and repairing functions

To modify or repair the function of a tool that has already been installed, have the tool's installer package

on hand, and run the installation program. The program maintenance program will start; select **Modify** or **Repair**.

Clicking on [Apps & features] from [Settings] of Windows or [Programs and Features] of the control panel will cause an error.

3.1.8   Changing the installation folder

To change the folder that tools are installed to, you must first uninstall all tools, and then perform installation again.

To uninstall all tools, start the Integrated Uninstaller, and delete all the tools that are displayed.

3.1.9   Warning message page when installing the USB driver

Windows 7, Windows 8.1 and Windows 10 will display a Windows security warning when installing the USB driver. Select "Install this driver" and continue with the installation.
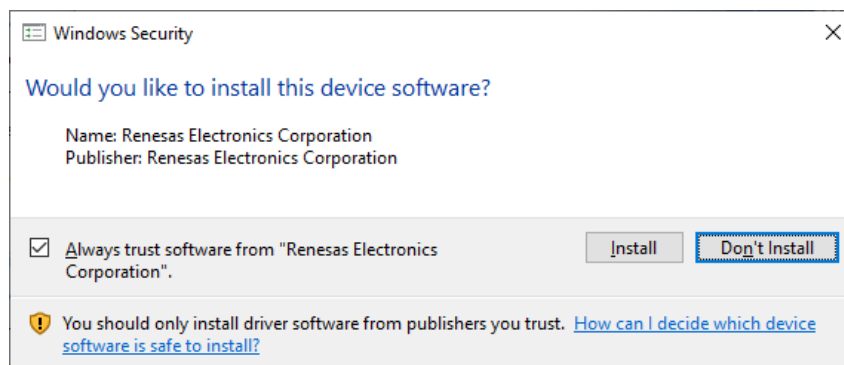
3.1.10   Installing the USB driver

The USB drivers for the IE850, IECUBE, MINICUBE, MINICUBE2, E1, E20, E2 and E2 Lite will be installed via plug & play when a device is actually connected.

3.1.11   Updating the USB driver

If an IE850, IECUBE, MINICUBE, MINICUBE2, or E1, E20, E2 or E2 Lite is connected via USB, disconnect it before updating the USB driver.

3.1.12   USB driver of the E1 emulator

The selection for installing a USB driver for the E1 emulator is specified at the end of the integrated installer.

The update feature in the Update Manager is also not supported.

3.1.13   Version of installed tools

If a newer version of the tool is already installed, the older version tool may not be installed.

3.1.14   Starting the installer

If the installer is started on a non-Japanese version of Windows, then path names containing multi-byte

characters will cause an error, and the installer will not start.

3.1.15 Changing the structure of the installation folder

If you manually change the installation folder structure (e.g. delete one or more folders), then the Repair installer may start if you double click on a file with the .mtpj extension associated with CS+.

Either start CS+ and load a project without using the extension association feature, or reinstall CS+ completely.

3.1.16 Rapid Start Feature

CS+ is registered with the Startup menu of Windows during installation.

If a CS+ instance launched via Rapid Start is in the notification area (system tray) during installation, the following error message will appear. Exit the application and run the installer again.
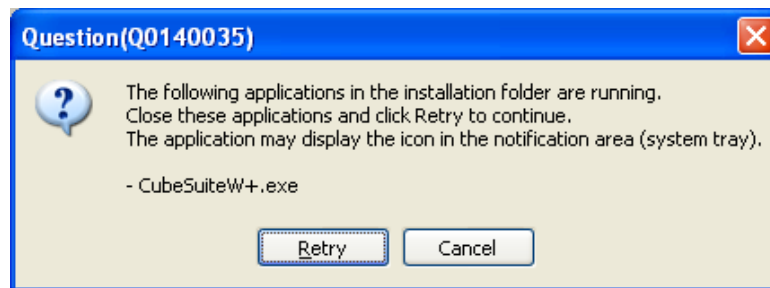
3.1.17 Free Evaluation Version

If you install the free evaluation version downloaded from the Internet, make sure that your host machine is connected to the network before installing the program. If you wish to install the program on a host machine that is not connected to the network, first go to the Microsoft Download Center and install the Microsoft .NET Framework 4.6.2 or later before installing CS+.

3.2   Points for caution regarding uninstallation

3.2.1   Administrator privileges

Windows administrator privileges are required to uninstall the software.

3.2.2   Uninstallation folder name

Depending on the order in which tools are uninstalled, the folders may not be completely deleted. If this happens, remove any remaining folders via Explorer or the like.

3.2.3   Adding/repairing other than via the installer

If you added or modified files to the folders in which tools and release notes were installed using other means than the installers, they cannot be deleted during uninstallation.

3.2.4   Uninstalling the USB driver

If you uninstall the USB driver, you will be able to connect the emulator to ports to which connections have been made before the Uninstallation, but you will not be able to connect it to other ports to which connections have not been made.

3.2.5   Uninstalling the Renesas E-Series USB driver

The CS+ uninstaller cannot uninstall the Renesas E-Series USB driver.

When uninstalling the Renesas E-Series USB driver, please uninstall [Renesas E-Series USB Driver] and [(Windows Driver Package - Renesas Electronics Corporation E1USB) Renesas Emulator (xx/xx/xxxxy.y.yy.yyy) ("x" for a date and "y" for a version number)] manually from the list of [Programs and Features] of the Control Panel.

The Renesas E-Series USB driver is a common USB driver for emulators which are used with the High-Performance Embedded Workshop (HEW) and Flash Development Toolkit (FDT) environments. If the Renesas E-Series USB driver is uninstalled in a PC environment in which CS+ and HEW or FDT are installed, emulators will no longer be connectable to the HEW and FDT environments. The relevant emulators are the following.

E1, E20, E10A-USB, E10T-USB, E30, E30A, E100, E200F, E7, E8

3.2.6   Rapid Start Feature

If a CS+ instance launched via Rapid Start is in the notification area (system tray) during uninstallation, the following error will appear. Exit the application and run the uninstaller again.
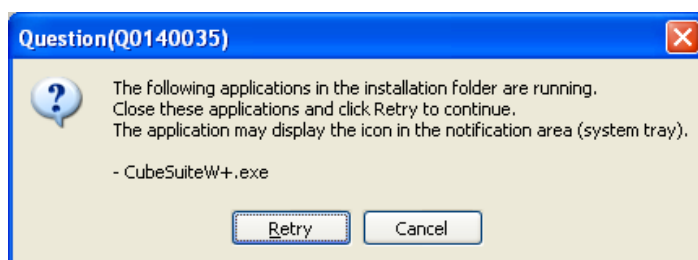
3.2.7   Microsoft Tools

The CS+ uninstaller will not uninstall the Microsoft .NET Framework or the Microsoft Visual C++ runtime library. If you wish to uninstall them, do so by opening [Apps & features] from [Settings] of Windows or [Programs and Features] of the control panel.

Chapter 4.   Collection of User Information

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Applications included in this package may access the Renesas Web site. In such cases, the following information is collected and recorded as a log.

• Date and time of access

• Access to URLs and files

• Unique and random Globally Unique Identifier (GUID) associated with your PC

• Types and version numbers of Windows, CS+, and the Renesas compiler you are using

• Types of Renesas emulator and MCU you are using

• The unique certificate number linked to your account for MyRenesas (only when you log in to MyRenesas)

• The unique identification number linked to cookies for the Web browser (if you are in Europe, this is only the case when you opt-in to the use of cookies). For details on cookies, refer to the privacy policy page stated below.

Logs are managed based on our privacy policy.

Refer to our privacy policy on the following Web page.

Privacy Policy:

  https://www.renesas.com/privacy.html

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Chapter 5.   Release Notes

Release notes contain notes, points for caution, and statements of restrictions on using the features of CS+.

Please read these documents before using CS+.

These documents can be accessed from the Windows Start menu after installation.

> Renesas Electronics CS+ → README

Remark   In Windows 8.1, click on the CS+ icon on the Apps screen.

Since this release note is not installed with the CS+ package, manually save the file on your host machine.

Appendix   Supported Devices and Tools

This appendix gives a link to a page that includes descriptions of the supported devices and tools.

The latest information is available from our Web site.

Please see the following URL.

CS+ Product Page:

https://www.renesas.com/cs+

Functions Supported by CS+

This is information about the following version of CS+ (modules), etc.(Dec 3, 2021)

CS+ for CC

Product/module name	Version
CS+ for CC	V8.07.00
Integrated Development Environment Framework	V8.07.00.06
Debug Tool Common Interface	V8.04.00.03
Device Information Common Interface	V9.07.00.01
CC-RL	V1.11.00
CC-RX	V3.04.00
CC-RH	V2.04.00
CC-RL Plug-in	V8.07.00.03
CC-RX Plug-in	V8.07.00.03
CC-RH Plug-in	V8.07.00.03
GHS CC/RH850 Plug-in	V1.04.00.01
Debugger Collection Plug-in	V8.04.00.03
RL78 Instruction Simulator	V5.05.00.02
RH850 Instruction Simulator	V5.05.00.02
RX Instruction Simulator	V5.02.00
RL78/G10 Simulator	V3.04.00.02
RL78/G13 Simulator	V2.04.00.02
RL78/G12 Simulator	V2.04.00.02
RL78/G13,RL78/G13A Simulator	V2.04.00.02
RL78/G14 Simulator	V2.04.00.02
RL78/L12 Simulator	V1.04.00.02
RL78/G1F Simulator	V1.03.00.02
RL78/G23 Simulator	V1.02.00.03
Code Generator Plug-in	V4.06.05.01
Code Generator/PinView Plug-in	V2.10.06.01
RL78/G10 Code Library	V1.05.05.02
RL78/G12 Code Library	V2.04.06.02
RL78/G13 Code Library	V2.05.06.02
RL78/G14 Code Library	V2.05.06.02
RL78/G1A Code Library	V2.05.06.02
RL78/G1A Code Library	V2.04.04.02
RL78/L12 Code Library	V2.04.06.02
RL78/L13 Code Library	V2.04.05.02
RL78/F13 Code Library	V2.03.07.02
RL78/F14 Code Library	V2.03.07.02
RL78/G1C Code Library	V1.03.04.02
RL78/G1E Code Library	V1.04.04.02
RL78/L1C Code Library	V1.03.03.02
RL78/G1G Code Library	V1.01.03.02
RL78/G1F Code Library	V1.01.08.02
RL78/I1B Code Library	V1.03.04.02
RL78/I1D Code Library	V1.01.05.02
RL78/I1D Code Library	V1.01.05.02
RL78/I1C Code Library	V1.01.07.02
RL78/G1H Code Library	V1.01.05.02
RL78/G1H Code Library	V1.02.06.02
RL78/L1A Code Library	V1.01.05.02
RL78/H1D Code Library	V1.00.03.02
RL78/F1E Code Library	V1.01.07.02
RX110X/RX111 Code Library	V1.06.02.04
RX113 Code Library	V1.03.02.04
RX64M Code Library	V1.03.02.03
RX71M Code Library	V1.01.02.03
RX23T Code Library	V1.01.02.04
RX231 Code Library	V1.01.02.05
RX130 Code Library	V1.01.02.04
RX24T/RX24U Code Library	V1.03.02.04
RX65N/RX651 Code Library	V1.01.02.03
RH850/F1K Code Library	V1.02.02.02
RH850/F1L Code Library	V1.01.02.02
RH850/E1M-S,E1M-S2 Code Library	V1.01.02.02
Pin Configurator Plug-in	V1.54.01.01
Program Analyzer Plug-in	V4.12.00.01
IronPython Console Plug-in	V1.43.00.02
Editor plug-in DLL	V1.17.00.01
Stack Usage Tracer	V1.05.00.02
Update Manager Plug-in	V2.03.00.02
Quick and Effective tool solution - QE	V9.06.00.04
Device Information RX	V3.08.00
Device Information RH850	V8.07.00
Device Information RL78	V8.07.00
I/O Header File Generation Tool	V1.15.00.01

CS+ for CACX

Product/module name	Version
CS+ for CACX	V4.07.00
Integrated Development Environment Framework	V5.07.00.01
Debug Tool Common Interface	V4.03.00.01
Device Information Common Interface	V5.00.00.01
CA850	V3.50
CA78K0	V1.30
CA78K0R	V1.72
CX	V1.31
CA850 Plug-in	V5.01.00.01
CA78K0 Plug-in	V5.00.00.02
CA78K0R Plug-in	V5.00.00.03
CX Plug-in	V5.00.00.02
78K0 Emulator Plug-in	V4.03.00.01
RL78, 78K0R Emulator Plug-in	V4.03.00.01
V850 Emulator Plug-in	V4.03.00.01
V850E2M Emulator Plug-in	V4.03.00.01
78K0 Simulator Plug-in	V4.03.00.01
RL78, 78K0R Simulator Plug-in	V4.03.00.01
V850 Simulator Plug-in	V4.03.00.01
V850E2M Simulator Plug-in	V4.03.00.01
78K0 Instruction Simulator	V3.07.00.01
78K0R Instruction Simulator	V3.07.00.01
RL78 Instruction Simulator	V3.07.00.01
V850 Instruction Simulator	V3.07.00.01
V850E2M Instruction Simulator	V3.07.00.01
78K0/Kx2 Simulator	V3.00.03.01
78K0RKx3 Simulator	V3.01.00.01
78K0RKx3 Simulator	V3.01.00.01
78K0R0x3 Simulator	V3.01.00.01
RL78/G10 Simulator	V1.00.03.01
V850ES/Sx2 Simulator	V3.00.03.02
V850ES/Fx3 Simulator	V3.00.03.02
Code Generator Plug-in	V3.08.05.01
Code Generator/PinView Plug-in	V1.10.06.01
78K0/Kx2-L Code Library	V3.02.00.01
78K0/Kx2 Code Library	V3.02.00.01
78K0RKx3 Code Library	V3.03.00.01
78K0R/Kx3-L Code Library	V3.02.00.01
78K0R/Kx3 Code Library	V3.02.00.01
78K0R/Kx3-A Code Library	V3.02.00.01
78K0RLx3 Code Library	V3.02.00.01
78K0R/Ix3 Code Library	V3.02.00.01
RL78/G10 Code Library	V1.05.05.02
RL78/G12 Code Library	V2.04.06.02
RL78/G13 Code Library	V2.05.06.02
RL78/G14 Code Library	V2.05.06.02
RL78/G1A Code Library	V2.04.05.02
RL78/G1A Code Library	V2.04.04.02
RL78/L12 Code Library	V2.04.06.02
RL78/L12 Code Library	V2.04.05.02
RL78/L13 Code Library	V2.04.05.02
RL78/F13 Code Library	V2.03.07.02
RL78/F14 Code Library	V2.03.07.02
RL78/G1C Code Library	V1.03.04.02
RL78/G1E Code Library	V1.04.04.02
RL78/L1C Code Library	V1.03.03.02
RL78/G1G Code Library	V1.01.03.02
RL78/G1F Code Library	V1.01.06.02
RL78/I1B Code Library	V1.03.04.02
RL78/I1D Code Library	V1.01.05.02
RL78/G1D Code Library	V1.01.04.02
RL78/I1E Code Library	V1.01.05.02
RL78/F15 Code Library	V1.01.08.02
RL78/I1C Code Library	V1.01.07.02
RL78/G1H Code Library	V1.00.03.02
RL78/F1E Code Library	V1.01.07.02
V850ES/Jx3-H Code Library	V3.02.00.01
V850ES/Jx3 Code Library	V3.02.00.01
V850ES/Jx3-H Code Library	V3.02.00.01
Pin Configurator Plug-in	V1.54.01.01
Program Analyzer Plug-in	V4.03.00.05
IronPython Console Plug-in	V1.27.00.07
Editor plug-in DLL	V1.06.00.04
Stack Usage Tracer	V1.05.00.02
Tool Interface Protocol (TIP) Plug-in	V1.24.00.02
Update Manager Plug-in	V2.02.00.05
Device Information RL78	V8.07.00
Device Information 78K	V3.00.00
Device Information V850	V3.00.00

"CS+ for CC" supports the devices checked in "CC" of compiler colum.
"CS+ for CA,CX" supports the devices checked in "CA" or "CX" of compiler colum.

✓ : supported; X : not supported; – : Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator						Peripheral Simulator (Simulator supporting OS Timer)	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓ : supported X: not supported – : Support not planned. Note Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite	Peripheral Simulator	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	Additional information
78K0	78K0/KE2	μPD78F0536	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053664	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KE2	μPD78F0536A	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053664	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KE2	μPD78F0537	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053764	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KE2	μPD78F0537A	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053764	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KE2	μPD78F0537D	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053764	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KE2	μPD78F0537DA	64GA,64GB,64GC 64GK,64F1,64FC	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F053764	0,8000H	0FB00H,500H	0RAM, 0E800H, 1800H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0544	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054480	0,C000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,20H	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0544A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054480	0,C000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,20H	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0545	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054580	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,20H	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0545A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054580	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,20H	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0546	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054680	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0546A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054680	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0547	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054780	0,8000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0547A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054780	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0547D	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054780	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/KF2	μPD78F0547DA	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	✓	F054780	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,20H ...	V3.000000	V2.21	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0881	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0881	0,8000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0881A	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0881	0,8000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0882	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0882	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0882A	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0882	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0883	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0883	0,F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0883A	44GB	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0883	0,F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0884	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0884	0,8000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0884A	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0884	0,8000H	0FB00H,500H	0RAM, 0F400H, 400H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0885	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0885	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0885A	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0885	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0886	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0886	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0886A	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0886	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0894A	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0894A	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,100H ...	V3.000000	V1.11	X	–	–	–	–	–	–	–
78K0	78K0/FC2	μPD78F0895A	48GA	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0895A	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,100H ...	V3.000000	V1.11	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0887	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0887	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0887A	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0887	0,C000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0888	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0888	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0888A	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0888	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0889	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0889	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0889A	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0889	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0890	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0890	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FE2	μPD78F0890A	64GB,64GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0890	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FF2	μPD78F0891	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0891	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FF2	μPD78F0891A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0891	0,0F000H	0FB00H,500H	0RAM, 0F000H, 800H LRAM,0FA00H,100H	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FF2	μPD78F0892	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0892	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FF2	μPD78F0892A	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0892	0,C000H	0FB00H,500H	0RAM, 0E800H, 1000H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–
78K0	78K0/FF2	μPD78F0893	80GC,80GK	X	X	X	✓	–	–	✓	✓	–	Serial	–	–	X	F0893	0,C000H	0FB00H,500H	0RAM, 0E800H, 1800H LRAM,0FA00H,100H ...	V3.000000	V1.01	X	–	–	–	–	–	–	–

✓: supported; X: not supported; –: Support not planned; Note Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions								Emulator						Peripheral Simulator (Break, Interrupt, I/O, Signal, etc.) OS Timer	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version				Solution							Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			Compiler																Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler	E850,E850 ECUBE,	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Default Link Directive Information (78K)						
																								Verification of Safety Exclusive control checking tool	Network Verification Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

| 78K0 | 78K0/FF2 | μPD78F0803A | 80GC,80QK | X | X | X | ✓ | – | – | ✓ | ✓ | ✓ | – | Serial | – | – | X | F0803 | 0,C000H | 0FB00H,500H | IXRAM, 0E000H, 1800H LRAM,0FA00H,100H BANK0, 08000H, 4000H BANK1, 18000H, 4000H BANK2, 28000H, 4000H BANK3, 38000H, 4000H BANK4, 48000H, 4000H | V3.000000 | V1.01 | X | – | – | – | – | – | – | – |

✓: supported X: not supported -: Support not planned Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler			Supported functions ECUBE, IE850,IE850	Emulator						Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler	MINICUBE2 MINICUBE	E1,E20	E2	E2 Lite				Default Link Directive Information (78K)				*_Productlist.xml	*.78k or *.900 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

78K0	μPD78F8072	μPD78F8072	64NA	X	X	X	✓	-	-	✓	✓	-	Serial	-	-	X	F8072	0,8000H	0FB00H,500H	-	V3.000000	V1.00	X	-	-	-	-	-	-	-
78K0	μPD78F8073	μPD78F8073	64NA	X	X	X	✓	-	-	✓	✓	-	Serial	-	-	X	F8073	0,8000H	0FB00H,500H	-	V3.000000	V1.00	X	-	-	-	-	-	-	-
78K0	μPD78F8074	μPD78F8074	64NA	X	X	X	✓	-	-	✓	✓	-	Serial	-	-	X	F8074	0,C000H	0FB00H,500H	XRAM_0E400H,400H	V3.000000	V1.00	X	-	-	-	-	-	-	-
78K0	μPD78F8075	μPD78F8075	64NA	X	X	X	✓	-	-	✓	✓	-	Serial	-	-	X	F8075	0,F000H	0FB00H,500H	XRAM_0F000H,600H	V3.000000	V1.00	X	-	-	-	-	-	-	-
78K0	μPD78F8077	μPD78F8077D	64NA	X	X	X	✓	-	-	✓	✓	-	Serial	-	-	X	F8077D	0,C000H	0FB00H,500H	XRAM_0E000H, 1600H BANK0, 08000H, 4000H BANK1, 18000H, 4000H BANK2, 28000H, 4000H BANK3, 38000H, 4000H BANK4, 48000H, 4000H	V3.000000	V1.00	X	-	-	-	-	-	-	-

✓: supported; X: not supported; -: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions														Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version				Solution						Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator												Default Link Directive Information (78K)				Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,E850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; -: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler				Emulator						Peripheral Simulator No Longer Supported OS Timer	Device Specification Name	ROM Start address,	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler	IECUBE, IECUBE2, IECUBE2 MINICUBE MINICUBE2	E1,E20	E2	E2 Lite							*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

Dense device support matrix table for RL78 family microcontrollers. Each row lists product name, package, and compiler/emulator/tool support status.

✓ : supported X : not supported - : Support not planned Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions															Default Link Directive Information (78K)					Device Information File version			Solution							Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator						Peripheral Simulator OS Timer	Device Specification Name	ROM Start address	RAM Start address, Size	Other Memory Area Name, Start address, Size		Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler	IECUBE, IE850,IE850A	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; -: Support not planned. Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions																Device Specification Name	ROM Start address, Size	Default Link Directive Information (78K)			Device Information File version			Solution							Additional Information

✓: supported; X: not supported; –: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions																Device Specification Name	Default Link Directive Information (78K)					Device Information File version			Solution							Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler				Emulator						Peripheral Simulator		ROM address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size					Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_ProductList.xml	*.78k or *.900 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; -: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions											Device Specification Name	Default Link Directive Information (78K)			Device Information File version			Solution						Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			ECUBE, IE850,E850, MINICUBE2, MINICUBE, E1,E20	Emulator			Peripheral Simulator / OS Timer		ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	*_Product.bat.xml	*.78k or *.800 or .DVF	*.ddi	Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler		E1,E20	E2	E2 Lite									Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

CS+ Integrated Development Environment Package V8.07.00

Release Note

✓: supported; X: not supported; -: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator								Peripheral Simulator, OS Timer	Device Specification Name	ROM Start address	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite							*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

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✓: supported, X: not supported, - : Support not planned, Note: Refer to the User's Manual of the target device

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler				Supported functions			Emulator						Peripheral Simulator / OS Timer	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler				iECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; –: Support not planned; Note Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions			Compiler				Emulator								Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
				Smart Configurator	Code Generator	Pin Configurator	CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite	(Peripheral Simulator "Simulator supporting OS Timer")						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported, X: not supported, −: Support not planned, Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions															Default Link Directive Information (78K)				Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information

✓: supported; X: not supported; –: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions			Compiler				Emulator								Peripheral Simulator (Simulator supports IO Timer)	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
				Smart Configurator	Code Generator	Pin Configurator	CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; -: Support not planned; Note:Refer to the User's Manual of the target device

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions													Device Specification Name	Default Link Directive Information (78K)			Device Information File version			Solution						Additional information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator						Peripheral Simulator /Simulator supporting OS Timer		ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size				Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		
							CA Compiler	CX Compiler	CC Compiler	IECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	
RX	RX631	R5F5631MFxLH	PTLG0064JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631NCxFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631NCxFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631NDxFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631NDxFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631PCxFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631PCxFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631PDxFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631PDxFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631PFxLH	PTLG0064JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WHxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WHxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631WHxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YHxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YHxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5F5631YHxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX631	R5S56310CxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	JTAG	JTAG	JTAG	✓	–	–	–	–	V3.080000	–	1.60b	–	–	–	–	–	–	–
RX	RX634	R5F5634BCxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX634	R5F5634BYxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX634	R5F5634DCxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX634	R5F5634DYxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX634	R5F5634ECxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX634	R5F5634EYxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NACxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NADxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBCxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NBDxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDCxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NDDxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NECxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxBG	PLBG0176GA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxLC	PTLG0177KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxLE	PTLG0145JB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxLJ	PTLG0100JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NEDxLK	PTLG0145KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFHxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFHxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NFHxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NKDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NKDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NKDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWHxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWHxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NWHxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYDxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYHxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYHxFC	PLQP0176KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63N	R5F563NYHxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.8A	–	–	–	–	–	–	–
RX	RX63T	R5F563T4ExFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563T4ExFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563T5ExFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563T5ExFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563T6ExFL	PLQP0048KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563T6ExFM	PLQP0064KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBAxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBAxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBAxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBAxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBBxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBBxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBBxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBBxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBDxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBDxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBExFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBExFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBExFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TBExFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCAxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCAxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCAxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCAxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCBxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCBxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCBxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCBxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCDxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCDxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCExFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCExFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCExFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TCExFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEAxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEAxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEAxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEAxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEBxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEBxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEBxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEBxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEDxFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEDxFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEDxFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEDxFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEExFA	PLQP0120KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEExFB	PLQP0144KA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEExFH	PLQP0112JA-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX63T	R5F563TEExFP	PLQP0100KB-A	X	X	X	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	2.10C	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxBG	PLBG0176GA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxFB	PLQP0144KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxFC	PLQP0176KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxFP	PLQP0100KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxLC	PTLG0177KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxLJ	PTLG0100JA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFCxLK	PTLG0145KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxBG	PLBG0176GA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxFB	PLQP0144KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxFC	PLQP0176KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxFP	PLQP0100KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxLC	PTLG0177KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxLJ	PTLG0100JA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MFDxLK	PTLG0145KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxBG	PLBG0176GA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxFB	PLQP0144KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxFC	PLQP0176KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxFP	PLQP0100KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxLC	PTLG0177KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxLJ	PTLG0100JA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGCxLK	PTLG0145KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxBG	PLBG0176GA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxFB	PLQP0144KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxFC	PLQP0176KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxFP	PLQP0100KB-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxLC	PTLG0177KA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–
RX	RX64M	R5F564MGDxLJ	PTLG0100JA-A	✓	✓	✓	–	–	✓	–	–	–	Serial/JTAG	Serial/JTAG	Serial/JTAG	✓	–	–	–	–	V3.080000	–	1.00	–	–	–	–	–	–	–

✓: supported; X: not supported; –: Support not planned. Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator						Peripheral Simulator (Windows supported? OS Time)	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
							CA Compiler	CX Compiler	CC Compiler	E(CUBE, IE850,IE850)	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite						*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; –: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions															Device Specification Name	ROM Start address, Name	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			Emulator													Default Link Directive Information (78K)								Solution		
							CA Compiler	CX Compiler	CC Compiler	ECUBE, IE850,IE850	MINICUBE2	MINICUBE	E1,E20	E2	E2 Lite					*_Productlist.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	

✓: supported; X: not supported; -: Support not planned; Note: Refer to the User's Manual of the target device.

Microcontroller	Nickname/Group	Product Name	Pins, Package type	Supported functions										Emulator						Peripheral Simulator (Simulator supporting OS Timer)	Device Specification Name	ROM Start address, Size	RAM Start address, Size	Other Memory Area Name, Start address, Size	Device Information File version			Verification of Safety	Network Verification	Verification Through Fault Injection	CAN Communication Time Measurement Solution	Current Consumption Tuning Solution		Additional Information
				Smart Configurator	Code Generator	Pin Configurator	Compiler			CC Compiler	ECUBE, IE850,IE850			Emulator			E2	E2 Lite				Default Link Directive Information (7BK)				*_ProductList.xml	*.78k or *.800 or .DVF	*.ddi	Exclusive control checking tool	Debugging CAN bus reception procedures	Pseudo-error debugging	Measuring CAN bus reception processing times	Measuring current consumption Simulator	Measuring current consumption E2 emulator	
							CA Compiler	CX Compiler				MINICUBE2	MINICUBE	E1,E20	E2																				

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