关于产品目录等资料中的旧公司名称

NEC电子公司与株式会社瑞萨科技于2010年4月1日进行业务整合(合并),整合后的新公司暨"瑞萨电子公司"继承两家公司的所有业务。因此,本资料中虽还保留有旧公司 名称等标识,但是并不妨碍本资料的有效性,敬请谅解。

瑞萨电子公司网址: http://www.renesas.com

2010年4月1日 瑞萨电子公司

【发行】瑞萨电子公司(http://www.renesas.com)

【业务咨询】http://www.renesas.com/inquiry

Notice

- 1. All information included in this document is current as of the date this document is issued. Such information, however, is subject to change without any prior notice. Before purchasing or using any Renesas Electronics products listed herein, please confirm the latest product information with a Renesas Electronics sales office. Also, please pay regular and careful attention to additional and different information to be disclosed by Renesas Electronics such as that disclosed through our website.
- Renesas Electronics does not assume any liability for infringement of patents, copyrights, or other intellectual property rights of third parties by or arising from the use of Renesas Electronics products or technical information described in this document. No license, express, implied or otherwise, is granted hereby under any patents, copyrights or other intellectual property rights of Renesas Electronics or others.
- 3. You should not alter, modify, copy, or otherwise misappropriate any Renesas Electronics product, whether in whole or in part.
- 4. Descriptions of circuits, software and other related information in this document are provided only to illustrate the operation of semiconductor products and application examples. You are fully responsible for the incorporation of these circuits, software, and information in the design of your equipment. Renesas Electronics assumes no responsibility for any losses incurred by you or third parties arising from the use of these circuits, software, or information.
- 5. When exporting the products or technology described in this document, you should comply with the applicable export control laws and regulations and follow the procedures required by such laws and regulations. You should not use Renesas Electronics products or the technology described in this document for any purpose relating to military applications or use by the military, including but not limited to the development of weapons of mass destruction. Renesas Electronics products and technology may not be used for or incorporated into any products or systems whose manufacture, use, or sale is prohibited under any applicable domestic or foreign laws or regulations.
- 6. 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.
- 7. Renesas Electronics products are classified according to the following three quality grades: "Standard", "High Quality", and "Specific". The recommended applications for each Renesas Electronics product depends on the product's quality grade, as indicated below. You must check the quality grade of each Renesas Electronics product before using it in a particular application. You may not use any Renesas Electronics product for any application categorized as "Specific" without the prior written consent of Renesas Electronics. Further, you may not use any Renesas Electronics. Renesas Electronics shall not be in any way liable for any damages or losses incurred by you or third parties arising from the use of any Renesas Electronics product for an application categorized as "Specific" or for which the product is not intended where you have failed to obtain the prior written consent of Renesas Electronics. The quality grade of each Renesas Electronics product is "Standard" unless otherwise expressly specified in a Renesas Electronics data sheets or data books, etc.
 - "Standard": Computers; office equipment; communications equipment; test and measurement equipment; audio and visual equipment; home electronic appliances; machine tools; personal electronic equipment; and industrial robots.
 - "High Quality": Transportation equipment (automobiles, trains, ships, etc.); traffic control systems; anti-disaster systems; anticrime systems; safety equipment; and medical equipment not specifically designed for life support.
 - "Specific": Aircraft; aerospace equipment; submersible repeaters; nuclear reactor control systems; medical equipment or systems for life support (e.g. artificial life support devices or systems), surgical implantations, or healthcare intervention (e.g. excision, etc.), and any other applications or purposes that pose a direct threat to human life.
- 8. You should use the Renesas Electronics products described in this document within the range specified by Renesas Electronics, especially with respect to the maximum rating, operating supply voltage range, movement power voltage range, heat radiation characteristics, installation and other product characteristics. Renesas Electronics shall have no liability for malfunctions or damages arising out of the use of Renesas Electronics products beyond such specified ranges.
- 9. Although Renesas Electronics endeavors to improve the quality and reliability of its products, semiconductor products have specific characteristics such as the occurrence of failure at a certain rate and malfunctions under certain use conditions. Further, Renesas Electronics products are not subject to radiation resistance design. Please be sure to implement safety measures to guard them against the possibility of physical injury, and injury or damage caused by fire in the event of the failure of a Renesas Electronics product, such as safety design for hardware and software including but not limited to redundancy, fire control and malfunction prevention, appropriate treatment for aging degradation or any other appropriate measures. Because the evaluation of microcomputer software alone is very difficult, please evaluate the safety of the final products or system manufactured by you.
- 10. Please contact a Renesas Electronics sales office for details as to environmental matters such as the environmental compatibility of each Renesas Electronics product. Please use Renesas Electronics products in compliance with all applicable laws and regulations that regulate the inclusion or use of controlled substances, including without limitation, the EU RoHS Directive. Renesas Electronics assumes no liability for damages or losses occurring as a result of your noncompliance with applicable laws and regulations.
- 11. This document may not be reproduced or duplicated, in any form, in whole or in part, without prior written consent of Renesas Electronics.
- 12. Please contact a Renesas Electronics sales office if you have any questions regarding the information contained in this document or Renesas Electronics products, or if you have any other inquiries.
- (Note 1) "Renesas Electronics" as used in this document means Renesas Electronics Corporation and also includes its majorityowned subsidiaries.
- (Note 2) "Renesas Electronics product(s)" means any product developed or manufactured by or for Renesas Electronics.



RTSHCMCAN0013-0100 Rev.1.00

2008.07

NC30 编译器汉字字符支持

Trouble

用户反映, 在编译 R8C 或 M16C 的程序时, 原本没有错误的程序会在重装/升级 编译器之后出现大量编译错误, 使得软件不能正常开发。

Analyze

当确定客户程序没有问题的情况下,这种问题的出现很有可能是由于客户源程 序使用了汉语注释并且此时编译器设置不支持汉字造成的。

Do

修改编译器设置,使编译器支持汉字字符,具体修改流程如下:

1, 打开 HEW, 关闭所有的 "project", 然后鼠标左键点击"Tools"选择 "Administration"进入工具管理菜单。



RTSHCMCAN0013-0100 Rev.1.00

Ŵ٢	ligh-p	erforn	nance Er	nbedd	led Work	shop	
Eile	<u>E</u> dit	⊻iew	Project	<u>B</u> uild	<u>D</u> ebug	Setyp	<u>T</u> ools Te <u>s</u> t <u>W</u> indow <u>H</u> elp
) 🧀		16	¥	h 6	{+}	Administration
				<u> </u>			Change Toolchain Version
					<u>-</u>		Version Control
							💦 Launch E <u>x</u> ternal Debugger
							🖗 Launch Slave <u>H</u> EW
							Macros
U							<u>R</u> ecord Macro
U							Play Macro
							Stop Macro
							Renesas Call Walker
U							Hitachi Mapview
							Hitachi Call Walker
							Hitachi H Series Librarian Interface
							740 HexToS2

2, 点击"Toolchains"文件夹前面的加号, 然后选择"Renesas M16C Standard Toolchain", 如果有多个版本可以逐一选择设定

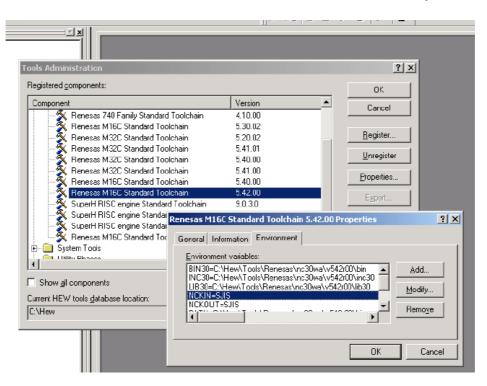
	Cancel Register
	Register
	Hegister
	Unregister
	<u>U</u> niegister
	Properties
	<u></u> iopenies
	Export
	E2por
_	<u>S</u> earch disk
	Tool information
I P	Uninstaller
	, , ,

Renesas Technology (Shanghai) Co., Ltd Unit 207 AZIA Center, No1233 Lujiazui Ring Road, Pudong District, Shanghai, China Tel: 021-68880556-320 Fax: 021-68880559 Zip: 200120



RTSHCMCAN0013-0100 Rev.1.00

3, 然后点击右边的"Properties" 按钮, 选择"Environment" 菜单, 然后下拉选项找到"NCKIN"和"NCKOUT"选项, 然后点击右边"Modify" 按钮。



4, 需要逐一对 "NCKIN" 和 "NCKOUT" 选项进行修改, 在 "Value" 里面填 "EUC", 如下:

Environmert Show all components	ormation Environment	1 S.42.00 Properties	ĨX
Component Component Reressa: 740 Family Standard Toolchain Reressa: MISC Rer	4.10.00 5.30.02 5.20.02 5.41.01 5.40.00 5.41.00 5.42.00 3.0.3.0 IC Standard Toolchain ormation Erwironment nt veriables:	Cancel Begister Unregister Broperties Export	IX
Renesa: 740 Family Standard Toolchain Renesa: MIBC Standard Toolchain Renesa: M32C Standard Toolchain Renesa: M32C Standard Toolchain Renesa: M32C Standard Toolchain Renesa: M32C Standard Toolchain Renesa: MIBC Standard Toolchain SuperH RISC engine Standar Renesa: MIBC Standard Toolchain Standar Renesa: MIBC Standard Toolchain Renesa: MIBC Standard Toolchai	4.10.00 5.30.02 5.20.02 5.41.01 5.40.00 5.41.00 5.42.00 3.0.3.0 IC Standard Toolchain ormation Erwironment nt veriables:	Cancel Begister Unregister Broperties Export	IX
Renesa: 740 Family Standard Toolchain Renesa: MISC Standard Toolchain SuperH RISC engine Standard Toolchain SuperH RISC Standard Toolchain SuperH RISC engine Standard Toolchain	4.10.00 5.30.02 5.20.02 5.41.01 5.40.00 5.41.00 5.42.00 3.0.3.0 IC Standard Toolchain ormation Erwironment nt veriables:	Cancel <u>R</u> egister <u>Unregister</u> <u>Propertiee</u> Egyport	IX
Renesas M15C Standard Tookhain Renesas M32C Standard Tookhain Renesas M32C Standard Tookhain Renesas M32C Standard Tookhain Renesas M15C Standard Tookhain Renesas M15C Standard Tookhain Renesas M15C Standard Tookhain SuperH RISC engine Standa Renesas M15C Standard Tookhain SuperH RISC engine Standa Renesas M15C Standard Tookhain SuperH RISC engine Standa Renesas M15C Standard Too SuperH RISC engine Standard Renesas M15C Standard Too SuperH RISC engine Standard Renesas M15C Standard Too Standard Tookhain	5.20.02 5.41.01 5.40.00 5.41.00 5.40.00 5.42.00 3.0.3.0 10 Standard Toolcham ormation Environment nt veriables:	Uniegister Properties Egyport	IX
Reresse M32D Standard Tookhain Reresse M32D Standard Tookhain Reresse M32D Standard Tookhain Reresse M15D Standard Tookhain Supert RISC engine Standard Tookhain Supert RISC engine Standard Tookhain Supert RISC engine Standard Tookhain Supert RISC engine Standard Too Reresse M16D Standard Too Supert RISC engine Standard Too Supert RISC engine Standard Too Supert RISC engine Standard Too Supert RISC engine Standard Too Reresse M16D Standard Too Supert RISC engine Standard Too Supert RISC engine Standard Too Supert RISC engine Standard Too Reresse M16D Standard Too Supert RISC engine Standard Engine St	5.41.01 5.40.00 5.41.00 5.40.00 5.42.00 9.0.3.0 IC Standard Toolchain omation Environment nt veriables:	Uniegister Properties Egyport	ĨX
Reresa: M32C Standard Tookhain Reresa: M32C Standard Tookhain Reresa: M32C Standard Tookhain Reresa: M16C Standard Tookhain Supert RISC engine Standard Tookhain Supert RISC engine Standard Reresa: M16C Standard To Reresa:	5.40.00 5.41.00 5.40.00 5.42.00 9.03.0 IC Standard Toolchain ormation Erwironment nt veriables:	Properties	<u>1</u> x
Reresa: M32C Standard Toolchain Reresa: M15C Standard Toolchain Reresa: M15C Standard Toolchain Supert RISC engine Standard Supert RISC engine Standa Reresa: M15C Standard Tool Supert RISC engine Standa Reresa: M15C Standard Tool Reresa: M15C Reresa: M	5.41.00 5.40.00 5.42.00 9.0.3.0 • Standard Toolchain omation Erwironment nt veriables:	Properties	IX
Reresse M16C Standard Toolchain Reresse M16C Standard Toolchain Supert R1SC engine Standard Toolchain Supert R1SC engine Standard Reresse M16C Standard Tool Reresse M16C Standard Tool System Tools Show al components	5.40.00 5.42.00 9.0.3.0 IC Standard Toolchain ormation Environment nt veriables:	Egopt	<u>. 1 x</u>
Renessa M16C Standard Toolchain SuperH RISC engine Standard Toolchain SuperH RISC engine Standa SuperH RISC engine Standard Renessa M16C Standard To SuperH RISC engine Standard SuperH RISC engineStandard SuperH RISC engin	5.42.00 9.0.3.0 IC Standard Toolcham omation Environment	Egopt	<u>? x</u>
SuperH RISC engine Standard Toolchain SuperH RISC engine Standar Remessas M16 Ferresas M16C Standard To Ferresas M16C Sta	9.0.3.0 E Standard Toolcham ormation Environment nt variables:		<u>? X</u>
SuperH RISC engine Standar SuperH RISC engine Standar Remessas M16C Standard To Beneral Intro System Tools Italian Objects Show all components	E Standard Toolcham comation Environment		2×
General Into G	ormation Environment	a 5.42.00 Properties	<u>? x</u>
Current HEW tools gatabase location:		nent Yariable	d

Renesas Technology (Shanghai) Co., Ltd Unit 207 AZIA Center, No1233 Lujiazui Ring Road, Pudong District, Shanghai, China Tel: 021-68880556-320 Fax: 021-68880559 Zip: 200120



RTSHCMCAN0013-0100 Rev.1.00

MCU 文档适用于 Renesas 全系列 MCU