

RZ/G2H,M,N,E Easy Download Guide

Step-1 Information for engineers	Contents Type	Contents Name	RZ/G2H Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
1- RZ/G Series 32/64-bit MPU (Wiki)	Link summary	Introduction,Boards,Software and Documentation (English Only)		Link			-	Non limitation
1- Contact Support	QA Ticket	Technical Q&A		Link			-	Non limitation

Step-2 Introduction	Contents Type	Contents Name	RZ/G2H Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
2-1 Hardware Information	Document	RZ/G2H,RZ/G2M,RZ/G2N,RZ/G2E Datasheet		Link			-	Non limitation
2-2 Introduction for products	Document	RZ Family Microprocessors		Link			-	Non limitation
	Document	RZ/G2 64-BIT MPUs with VERIFIED LINUX PACKAGE		Link			-	Non limitation
	Document	Partner Board Solutions Allow Immediate Access to Improved HMI Through High-Performance 64-Bit MPU (RZ/G2)		Link			-	Non limitation
	Blog			Link		Link	-	Non limitation
	Document	RZ Family Product Part Number Guide		Link			-	Non limitation

Step-3 Launch of board and evaluation environment	Contents Type	Contents Name	RZ/G2H Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
3-1 User's Manual	Document	User's Manual: Hardware			Link		-	Non limitation
	Document	Technical Update	Link	Link	Link	Link	-	Non limitation
	Document	Additional document for User's Manual(Realtime Core: Cortex-R7)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Additional document for User's Manual(SDHI)			Please contact Disti/Sales		CSD*1 and NDA	Please contact Disti/Sales
3-2 How to start up the board	Document	RZ/G2 Reference Board Start-Up Guide			Link		-	Non limitation
	Document	Reference Board User's Manual			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	RZ/G Performance Guide			Link		-	Non limitation
3-3 Board information / how to get	Info/purchase	Reference Board WEB Page	Link	Link	Link	Link	-	Non limitation
3-4 Evaluation environment start-up method	Document	RZ/G Verified Linux Package V3.0.6-update3 Release Note			Link		-	Non limitation
	Document	Reference Boards of RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E Linux Start-up Guide			Link		-	Non limitation
	Document	HTML5(Gecko102.15_packages V2.1.0) Start-up Guide (for RZ/G Verified Linux Package V3.0.5)			Link		-	Non limitation
	Document	RZ/G2 Group BSP Manual Set			Link		EULA*2	MyRenesas
	Document	RZ/G2 Group Linux BSP Porting Guide			Link		-	Non limitation
	Document	RZ/G2 User's Manual Additional document for Security			Link		SLA*3	MyRenesas
	Document	RZ Security Solution Overview			Link		-	Non limitation
	Document	RZ/G Proprietary SW Package Handring			Please contact Disti/Sales		-	Please contact Disti/Sales
3-5 How to get various software	Software	RZ/G Verified Linux Package [5.10-CIP℞]			Link		-	Non limitation
	Software	Multimedia Package for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E [5.10-CIP℞]			Link		SLA*3	Evaluation: MyRenesas Unrestricted; Secure Access
	Software	RZ/G2 Security Package			Link		SLA*3	Secure Access
	Software	HTML5/Gecko (Linux kernel5.10)			Link		-	Non limitation
3-6 How to get various tools	Tool	Smart Configurator			Link		-	Non limitation
	Document	Smart Configurator for RZ User's Guide			Link		-	Non limitation

Step-4 Custom board development	Contents Type	Contents Name	RZ/G2H Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
4-1 Documents and Simulation Models required for custom board design and development	Document	PCB Design and Verification Flow (for DDR-IF)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Check List for PCB Design(Requires NDA)			Please contact Disti/Sales		NDA	Please contact Disti/Sales
	Document	PCB Design Guide for DDR memory			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	PCB Verification Guide for DDR memory ("IBIS" and "PKG model of DDR-IF" are required for simulation)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Model	IBIS			Please contact Disti/Sales		-	Please contact Disti/Sales
	Model	PKG_model_of_DDR-IF			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	PCB Verification Guide for Core ("PDN model" is required for simulation)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Model	PDN model			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	PCB Design Guide for Serial Interface (including the HDMI PCB Design Guide)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Design Data	Reference Desing Data(Schamtics,Layout,BOM)			Link	Link	Disclaimer*4	Please contact Disti/Sales
	File	BSDL			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Mechanical Handling Guideline			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Thermal Management Guide			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Reference Power consumption			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	RZ/G2H, RZ/G2M AND RZ/G2N COMPATIBILITY GUIDE			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Guide to Using RGMII in Making an EthernetAVB-IF Connection(Requires NDA)			Please contact Disti/Sales		-	Please contact Disti/Sales
	Document	Guide to Implementing the VSPD and DU(Requires NDA)			Please contact Disti/Sales		NDA	Please contact Disti/Sales

*1:CSD: Confirmation re: SD Card Host Interface

*2:EULA: End User Liscense Agreement

*3:SLA: Software Liscense Agreement

*4:Disclaimer:Disclaimer Letter

*5:HDMI Disclaimer:Disclaimer Letter

[Additional Information] Please refer to the software content archive list if necessary.

[補足情報 必要に応じてソフトウェアコンテンツ アーカイブ一覧をご参照ください。]

RZ/G Software package archive list (2H2024)

5.10-CIP

Product	Library Nick Name	Version	Package Name
RZ/G2H	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6 (RTK0FF004520021A2I)-v3.0.6.zip
RZ/G2M		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1 (RTK0FF004520021A2I)-v3.0.6-update1.zip
RZ/G2N		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2 (RTK0FF004520021A2I)-v3.0.6-update2.zip
RZ/G2E	Multimedia Lib. (incl. Graphics Lib. And Video Codec Lib.)	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0FF004520023A2I)-v1.0.2_xx.zip
	Verified Linux Package	v3.0.5	RZ/G Verified Linux Package v3.0.5 (RTK0FF004520021A2I)-v3.0.5.zip
		v3.0.5-update1	RZ/G Verified Linux Package v3.0.5-update1 (RTK0FF004520021A2I)-v3.0.5-update1.zip
		v3.0.5-update3	RZ/G Verified Linux Package v3.0.5-update3 (RTK0FF004520021A2I)-v3.0.5-update3.zip
	Multimedia Lib. (incl. Graphics Lib. And Video Codec Lib.)	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0FF004520023A2I)-v1.0.2_xx.zip
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0FF004520021A2I)-v3.0.3.zip
	Multimedia Lib. (incl. Graphics Lib. And Video Codec Lib.)	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0FF004520023A2I)-v1.0.2_xx.zip
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0FF004520021A2I)-v3.0.1.zip
	Multimedia Lib. (incl. Graphics Lib. And Video Codec Lib.)	v1.0.1	RZ MPU Multimedia Package v1.0.1 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0FF004520023A2I)-v1.0.1_xx.zip
	Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0FF004520021A2I)-v3.0.0.zip
	Multimedia Lib. (incl. Graphics Lib. And Video Codec Lib.)	v1.0	RZ MPU Multimedia Package v1.0 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0FF004520023A2I)-v1.0_xx.zip

4.19-CIP

Product	Library Nick Name	Version	Package Name
RZ/G2H	Verified Linux Package	v1.0.20 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.20 (RTK0FF004520011A2I)-v1.0.20.zip
RZ/G2M	HTM5 Lib.	v1.0.20 pro	Yocto package for RZ/G2 Verified Linux Package [4.19-CIP] v1.0.20 Product Version (RTK0FF004520012A2I)-v1.P64-1020_XX.zip
RZ/G2N		Gecko78	Yocto recipe packages for HTML5(Gecko78) (VLP64 v1.0.20) (rzs2_bsp_gecko78_v1020.tar.gz)
RZ/G2E	Gecko68	Yocto recipe packages for HTML5(Gecko68) (VLP64 v1.0.20) (rzs2_bsp_gecko68_v1020.tar.gz)	
	Verified Linux Package	v1.0.19-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.19-RT (RTK0FF004520011A2I)-v1.0.19rt.zip Renesas
		v1.0.19-RT pro	Yocto package for RZ/G2 Verified Linux Package [4.19-CIP] v1.0.19-RT Product Version (RTK0FF004520012A2I)-v1.P64-1019rt_XX.zip
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1019-rt-rz2bspgecko78v1019rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1019-rt-rz2bspgecko68v1019rttar.gz
	Verified Linux Package	v1.0.18 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.18 (RTK0FF004520011A2I)-v1.0.18.zip Renesas
		v1.0.18 pro	Yocto package for RZ/G2 Verified Linux Package [4.19-CIP] v1.0.18 Product Version (RTK0FF004520012A2I)-v1.P64-1018_XX.zip Renesas
	HTM5 Lib.	v1.0.18-update1 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.18-update1 (RTK0FF004520011A2I)-v1.0.18-update1.zip
		Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1018-rz2bspgecko78v1018rttar.gz
	Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1018-rz2bspgecko68v1018rttar.gz	
	Verified Linux Package	v1.0.17-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.17-RT (RTK0FF004520011A2I)-v1.0.17rt.zip Renesas
		v1.0.17-RT pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1017-rt-rz2bspgecko78v1017rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1017-rt-rz2bspgecko68v1017rttar.gz
	Verified Linux Package	v1.0.16 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.16 (RTK0FF004520011A2I)-v1.0.16.zip Renesas
		v1.0.16 pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1016-rz2bspgecko78v1016rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1016-rz2bspgecko68v1016rttar.gz
	Verified Linux Package	v1.0.15-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.15-RT (RTK0FF004520011A2I)-v1.0.15rt.zip Renesas
		v1.0.15-RT pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1015-rt-rz2bspgecko78v1015rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1015-rt-rz2bspgecko68v1015rttar.gz
	Verified Linux Package	v1.0.14 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.14 (RTK0FF004520011A2I)-v1.0.14.zip Renesas
		v1.0.14 pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1014-rz2bspgecko78v1014rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1014-rz2bspgecko68v1014rttar.gz
	Verified Linux Package	v1.0.13-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.13-RT (RTK0FF004520011A2I)-v1.0.13rt.zip Renesas
		v1.0.13-RT pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1013-rt-rz2bspgecko78v1013rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1013-rt-rz2bspgecko68v1013rttar.gz
	Verified Linux Package	v1.0.12 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.12 (RTK0FF004520011A2I)-v1.0.12.zip Renesas
		v1.0.12 pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1012-rz2bspgecko78v1012rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1012-rz2bspgecko68v1012rttar.gz
	Verified Linux Package	v1.0.11-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.11-RT (RTK0FF004520011A2I)-v1.0.11rt.zip Renesas
		v1.0.11-RT pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1011-rt-rz2bspgecko78v1011rttar.gz
		Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1011-rt-rz2bspgecko68v1011rttar.gz
	Verified Linux Package	v1.0.10 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.10 (RTK0FF004520011A2I)-v1.0.10.zip Renesas
		v1.0.10-update1 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.10-update1 (RTK0FF004520011A2I)-v1.0.10update1.zip Renesas
	HTM5 Lib.	v1.0.10 pro	*Please contact Renesas sales if necessary.
		Gecko78	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v1010-rz2bspgecko78v1010rttar.gz
	Gecko68	https://www.renesas.com/ip/ia/document/sw/yocto-recipe-packages-html5gecko68-vlp64-v1010-rz2bspgecko68v1010rttar.gz	
	Verified Linux Package	v1.0.9-RT eva	RZ/G Verified Linux Package for 64bit kernel v1.0.9-RT (RTK0FF004520011A2I)-v1.0.9rt.zip Renesas
		v1.0.9-RT-update1 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.9-RT-update1 (RTK0FF004520011A2I)-v1.0.9rtupdate1.zip Renesas
	HTM5 Lib.	v1.0.9-RT pro	*Please contact Renesas sales if necessary.
		Gecko78	https://www.renesas.com/us/en/document/sw/yocto-recipe-packages-html5gecko78-vlp64-v109-rt-rz2bspgecko78v109rttar.gz
	Gecko68	https://www.renesas.com/us/en/document/sw/yocto-recipe-packages-html5-gecko68-vlp64-v109-rt-rz2bspgecko68v109rttar.gz	
	Verified Linux Package	v1.0.8 eva	RZ/G Verified Linux Package for 64bit kernel v1.0.8 (RTK0FF004520011A2I)-v1.0.8.zip Renesas
		v1.0.8 pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko78	https://www.renesas.com/us/en/document/sw/yocto-recipe-packages-html5-gecko78-vlp64-v108-rz2bspgecko78v108rttar.gz
		Gecko68	https://www.renesas.com/us/en/document/sw/yocto-recipe-packages-html5-gecko68-vlp64-v108-rz2bspgecko68v108rttar.gz
	Verified Linux Package	v1.0.7-RT eva	*Please contact Renesas sales if necessary.
		v1.0.7-RT pro	*Please contact Renesas sales if necessary.
	HTM5 Lib.	Gecko	*Please contact Renesas sales if necessary.
		v1.0.6 eva	*Please contact Renesas sales if necessary.
	v1.0.5 pro	*Please contact Renesas sales if necessary.	
	HTM5 Lib.	Gecko	https://www.renesas.com/us/en/document/sw/yocto-recipe-packages-html5-vlp64-v106
	RZ/G OpenCL Library Software	v1.00	https://www.renesas.com/document/sws/rzg-opencl-library-software