

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

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

Step	Introduction	Contents Type	Contents Name	RZ/G2H	RZ/G2M	RZ/G2N	RZ/G2E	Note	Access levels
				Link	Link	Link	Link		
1	RZ Family Brochure	Document	RZ Family Microprocessors		Link			-	Non limitation
2	Fleyer	Document	RZ/G2 64-BIT MPUs with VERIFIED LINUX PACKAGE		Link			-	Non limitation
3	White Paper	Document	Partner Board Solutions Allow Immediate Access to Improved HMI Through High Performance 64-Bit MPU (RZ/G2)		Link			-	Non limitation
4	Blog	Blog	Blog	Link			Link	-	Non limitation
5	RZ Family Product Part Number Guide	Document	RZ Family Product Part Number Guide		Link			-	Non limitation

Step	Launch of board and evaluation environment	Contents Type	Contents Name	RZ/G2H	RZ/G2M	RZ/G2N	RZ/G2E	Note	Access levels
				Link	Link	Link	Link		
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
2	How to start up the board	Document	Reference Board User's Manual	Please contact Disti/Sales				-	Please contact Disti/Sales
3	Board information / how to get	Info/purchase	Reference Board WEB Page	Link	Link	Link	Link	-	Non limitation
4	Evaluation environment start-up method	Document	Verified Linux Package (VLP)		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)		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	Secure IP Package		Link			SLA*3	MyRenesas
		Document	RZ MPU Security Package (Linux OS)		Link			-	Non limitation
		Document	RZ/G Proprietary SW Package Handring		Link			-	Please contact Disti/Sales
5	How to get various software	Software	Verified Linux Package (VLP)		Link			-	Non limitation
		Software	Feature Package (Multimedia Package)		Link			SLA*3	Evaluation: MyRenesas Unrestricted: Secure Access
		Software	Feature Package (Security Package)		Link			SLA*3	Secure Access
		Software	Application Framwork(HTML5/Gecko)		Link			-	Non limitation
6	How to get various tools	Tool	Smart Configurator		Link			-	Non limitation
		Document	Smart Configurator for RZ User's Guide		Link			-	Non limitation
7	How to launch various tools	Document	Smart Configurator for RZ User's Guide		Link			-	Non limitation

Step	Custom board development	Contents Type	Contents Name	RZ/G2H	RZ/G2M	RZ/G2N	RZ/G2E	Note	Access levels
				Link	Link	Link	Link		
-	PCB design checklist when designing a custom board	Document	Check List for PCB Design(Requires NDA)					NDA	Please contact Disti/Sales
-	PCB Design Guide for DDR memory	Document	PCB Design Guide for DDR memory					-	Please contact Disti/Sales
-	PCB Verification Guide for DDR memory	Document	PCB Verification Guide for DDR memory ("IBIS" and "PKG model of DDR-IF" are required for simulation)					-	Please contact Disti/Sales
-	IBIS model for LSI	Model	IBIS					-	Please contact Disti/Sales
-	Package model of DDR-IF	Model	PKG_model_of_DDR-IF					-	Please contact Disti/Sales
-	PCB Verification Guide for Core	Document	PCB Verification Guide for Core ("PDN model" is required for simulation)					-	Please contact Disti/Sales
-	Power Delivery Network model	Model	PDN model					-	Please contact Disti/Sales
-	PCB Design Guide for High Speed Serial Interfaces	Document	PCB Design Guide for Serial Interface (including the HDMI PCB Design Guide)					-	Please contact Disti/Sales
-	Reference Desing Data(Schamtics,Layout,BOM)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)					Disclaimer*4	Please contact Disti/Sales
-	Boundary Scan Description Language file	File	BSDL					-	Please contact Disti/Sales
-	Mecanical Handling Guideline	Document	Mechanical Handling Guideline					-	Please contact Disti/Sales
-	Thermal Management Guide	Document	Thermal Management Guide					-	Please contact Disti/Sales
-	Reference Power consumption	Document	Reference Power consumption					-	Please contact Disti/Sales
-	Pin compatibility Guide	Document	RZ/G2H, RZ/G2M AND RZ/G2N COMPATIBILITY GUIDE					-	Please contact Disti/Sales
-	Guide to Using RGMII	Document	Guide to Using RGMII in Making an EthernetAVB-IF Connection(Requires NDA)					NDA	Please contact Disti/Sales
-	Guide to Implementing the VSPD and DU	Document	Guide to Implementing the VSPD and DU(Requires NDA)					NDA	Please contact Disti/Sales

*1:CSD: Confirmation re: SD Card Host Interface
 *2:EULA: End User Lisence Agreement
 *3:SLA: Software Lisence 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	Libraly Nick Name	Version	Package Name
RZ/G2H		v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ-v3.0.6.zip)
RZ/G2M	Verified Linux Package	v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ-v3.0.6-update1.zip)
RZ/G2N		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ-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(RTK0EF0045Z0023AZJ-v1.0.2_xx.zip)
	Verified Linux Package	v3.0.5	RZ/G Verified Linux Package v3.0.5 (RTK0EF0045Z0021AZJ-v3.0.5.zip)
		v3.0.5-update1	RZ/G Verified Linux Package v3.0.5-update1(RTK0EF0045Z0021AZJ-v3.0.5-update1.zip)
		v3.0.5-update3	RZ/G Verified Linux Package v3.0.5-update3(RTK0EF0045Z0021AZJ-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(RTK0EF0045Z0023AZJ-v1.0.2_xx.zip)
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ-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(RTK0EF0045Z0023AZJ-v1.0.2_xx.zip)
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ-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(RTK0EF0045Z0023AZJ-v1.0.1_xx.zip)
	Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ-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(RTK0EF0045Z0023AZJ-v1.0_xx.zip)

4.19-CIP

Product	Libraly 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 (RTK0EF0045Z0011AZJ-v1.0.20.zip)
RZ/G2M		v1.0.20 pro	Yocto package for RZ/G2 Verified Linux Package [4.19-CIP] v1.0.20 Product Version(RTK0EF0045Z0012AZJ_VLP64v1020_XX.zip)
RZ/G2N	HTML5 Lib.	Gecko78	Yocto recipe packages for HTML5(Gecko78) [VLP64 v1.0.20] (rzg2_bsp_gecko78_v1020.tar.gz)
RZ/G2E		Gecko68	Yocto recipe packages for HTML5(Gecko68) [VLP64 v1.0.20] (rzg2_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 (RTK0EF0045Z0011AZJ-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(RTK0EF0045Z0012AZJ_VLP64v1019rt_JP.zip)
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1019-RT-rzg2bspgecko78v1019rttar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1019-RT-rzg2bspgecko68v1019rttar.gz
	Verified Linux Package	v1.0.18 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.18 (RTK0EF0045Z0011AZJ-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(RTK0EF0045Z0012AZJ_VLP64v1018_JP.zip) Renesas
	HTML5 Lib.	v1.0.18-update1 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.18-update1 (RTK0EF0045Z0011AZJ-v1.0.18-update1.zip)
		Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1018-rzg2bspgecko78v1018tar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1018-rzg2bspgecko68v1018tar.gz
	Verified Linux Package	v1.0.17-RT eva	RZ/G Verified Linux Package for 64bit kernel V1.0.17-RT (RTK0EF0045Z0011AZJ-v1.0.17rt.zip) Renesas
		v1.0.17-RT pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1017-RT-rzg2bspgecko78v1017rttar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1017-RT-rzg2bspgecko68v1017rttar.gz
	Verified Linux Package	v1.0.16 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.16 (RTK0EF0045Z0011AZJ-v1.0.16.zip) Renesas
		v1.0.16 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1016-rzg2bspgecko78v1016tar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1016-rzg2bspgecko68v1016tar.gz
	Verified Linux Package	v1.0.15-RT eva	RZ/G Verified Linux Package for 64bit kernel V1.0.15-RT (RTK0EF0045Z0011AZJ-v1.0.15rt.zip) Renesas
		v1.0.15-RT pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1015-RT-rzg2bspgecko78v1015rttar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1015-RT-rzg2bspgecko68v1015rttar.gz
	Verified Linux Package	v1.0.14 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.14 (RTK0EF0045Z0011AZJ-v1.0.14.zip) Renesas
		v1.0.14 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1014-rzg2bspgecko78v1014tar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1014-rzg2bspgecko68v1014tar.gz
	Verified Linux Package	v1.0.13-RT eva	RZ/G Verified Linux Package for 64bit kernel V1.0.13-RT (RTK0EF0045Z0011AZJ-v1.0.13rt.zip) Renesas
		v1.0.13-RT pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1013-RT-rzg2bspgecko78v1013rttar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1013-RT-rzg2bspgecko68v1013rttar.gz
	Verified Linux Package	v1.0.12 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.12 (RTK0EF0045Z0011AZJ-v1.0.12.zip) Renesas
		v1.0.12 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1012-rzg2bspgecko78v1012tar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1012-rzg2bspgecko68v1012tar.gz
	Verified Linux Package	v1.0.11-RT eva	RZ/G Verified Linux Package for 64bit kernel V1.0.11-RT (RTK0EF0045Z0011AZJ-v1.0.11rt.zip) Renesas
		v1.0.11-RT pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1011-RT-rzg2bspgecko78v1011rttar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1011-RT-rzg2bspgecko68v1011rttar.gz
	Verified Linux Package	v1.0.10 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.10 (RTK0EF0045Z0011AZJ-v1.0.10.zip) Renesas
		v1.0.10-update1 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 (RTK0EF0045Z0011AZJ-v1.0.10update1.zip) Renesas
		v1.0.10 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v1010-rzg2bspgecko78v1010tar.gz
		Gecko68	https://www.renesas.com/jp/ja/document/swe/yocto-recipe-packages-html5gecko68-vlp64-v1010-rzg2bspgecko68v1010tar.gz
	Verified Linux Package	v1.0.9-RT eva	RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT (RTK0EF0045Z0011AZJ-v1.0.9rt.zip) Renesas
		v1.0.9-RT-update1 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 (RTK0EF0045Z0011AZJ-v1.0.9rtupdate1.zip) Renesas
		v1.0.9-RT pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/us/en/document/swe/yocto-recipe-packages-html5gecko78-vlp64-v109-RT-rzg2bspgecko78v109rttar.gz
		Gecko68	https://www.renesas.com/us/en/document/swo/yocto-recipe-packages-html5-gecko68-vlp64-v109-rt-rzg2bspgecko68v109rttar.gz
	Verified Linux Package	v1.0.8 eva	RZ/G Verified Linux Package for 64bit kernel V1.0.8 (RTK0EF0045Z0011AZJ-v1.0.8.zip) Renesas
		v1.0.8 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko78	https://www.renesas.com/us/en/document/swo/yocto-recipe-packages-html5-gecko78-vlp64-v108-rzg2bspgecko78v108tar.gz
		Gecko68	https://www.renesas.com/us/en/document/swo/yocto-recipe-packages-html5-gecko68-vlp64-v108-rzg2bspgecko68v108tar.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.
	HTML5 Lib.	Gecko	*Please contact Renesas sales if necessary.
	Verified Linux Package	v1.0.6 eva	*Please contact Renesas sales if necessary.
		v1.0.6 pro	*Please contact Renesas sales if necessary.
	HTML5 Lib.	Gecko	https://www.renesas.com/us/en/document/swo/yocto-recipe-packages-html5-vlp64-v106