



This document regroups all links necessary for the user to develop an application

Released: Aug. 2024
EPBZ-1MB-22-0199-23
Mouseover "L" in "Link"

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

Step	Information for engineers	Contents Type	Contents Name	RZ/G2H Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
-	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 Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels
1	RZ Family Brochure	Document	RZ Family Microprocessors		Link			-	Non limitation
2	Flyer	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

Step	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	
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 Distl/Sales	-	Please contact Distl/Sales
		Document	Additional document for User's Manual(SDHI)					Please contact Distl/Sales	CSD*1 and NDA	Please contact Distl/Sales
2	How to start up the board	Document	Reference Board User's Manual					Please contact Distl/Sales	-	Please contact Distl/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	Verified Linux Package (VLP)	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
		HTML5(Gecko102)	Document	HTML5(Gecko102.15_packages V2.1.0) Start-up Guide (for RZ/G Verified Linux Package V3.0.5)		Link			-	Non limitation
		RZ/G2 Group BSP Manual Set	Document	RZ/G2 Group BSP Manual Set		Link			EULA*2	MyRenesas
		RZ/G2 Group Linux BSP Porting Guide	Document	RZ/G2 Group Linux BSP Porting Guide		Link			-	Non limitation
		Secure IP Package	Document	RZ/G2 User's Manual Additional document for Security		Link			SLA*3	MyRenesas
			Document	RZ/G2 Secure IP Driver API Specification		Link			-	Non limitation
			Document	RZ/G2 Trusted Execution Environment Start-Up Guide		Link			-	Non limitation
Document	RZ/G2 Trusted Execution Environment Porting Guide		Link			-	Non limitation			
RZ/G Proprietary SW Package Handring	Document	RZ/G Proprietary SW Package Handring					Please contact Distl/Sales	-	Please contact Distl/Sales	
5	How to get various software	Verified Linux Package (VLP)	Software	RZ/G Verified Linux Package [5.10-CIP版]		Link			-	Non limitation
		Feature Package (Multimedia Package)	Software	Multimedia Package for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E [5.10-CIP版]		Link			SLA*3	Evaluation: MyRenesas Unrestricted: Secure Access
		Feature Package (Security Package)	Software	RZ/G2 Security Package		Link			SLA*3	Secure Access
		Application Framework(HTML5/Gecko)	Software	HTML5/Gecko (Linux kernel5.10)		Link			-	Non limitation
6	How to get various tools		(Linux kernel5.10)							
		Tool	Smart Configurator		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 Link	RZ/G2M Link	RZ/G2N Link	RZ/G2E Link	Note	Access levels	
-	PCB design checklist when designing a custom board	Document	Check List for PCB Design(Requires NDA)					Please contact Distl/Sales	NDA	Please contact Distl/Sales
-	PCB Design Guide for DDR memory	Document	PCB Design Guide for DDR memory					Please contact Distl/Sales	-	Please contact Distl/Sales
-	PCB Verification Guide for DDR memory	Document	PCB Verification Guide for DDR memory ("IBIS" and "PKG model of DDR-1F" are required for simulation)					Please contact Distl/Sales	-	Please contact Distl/Sales
-	IBIS model for LSI	Model	IBIS					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Package model of DDR-1F	Model	PKG_model_of_DDR-1F					Please contact Distl/Sales	-	Please contact Distl/Sales
-	PCB Verification Guide for Core	Document	PCB Verification Guide for Core ("PDN model" is required for simulation)					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Power Delivery Network model	Model	PDN model					Please contact Distl/Sales	-	Please contact Distl/Sales
-	PCB Design Guide for High Speed Serial Interfaces	Document	PCB Design Guide for Serial Interface (including the HDMI PCB Design Guide)					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Reference Desing Data(Schamtics,Layout,BOM)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)					Please contact Distl/Sales	Disclaimer*4	Please contact Distl/Sales
-	Boundary Scan Description Language file	File	BSDL					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Mecanical Handling Guideline	Document	Mechanical Handling Guideline					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Thermal Management Guide	Document	Thermal Management Guide					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Reference Power consumption	Document	Reference Power consumption					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Pin compatibility Guide	Document	RZ/G2H, RZ/G2M AND RZ/G2N COMPATIBILITY GUIDE					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Guide to Using RGMII	Document	Guide to Using RGMII In Making an EthernetAVB-1F Connection(Requires NDA)					Please contact Distl/Sales	-	Please contact Distl/Sales
-	Guide to Implementing the VSPD and DU	Document	Guide to Implementing the VSPD and DU(Requires NDA)					Please contact Distl/Sales	NDA	Please contact Distl/Sales

*1:CSD: Confirmation re: SD Card Host Interface
*2:EULA: End User Licence Agreement
*3:SLA: Software Licence 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/G2H,M,N,E Software contents Archive List] Jan. 2023

#	G2H	G2M	G2M	G2E	File Name		Download Link
1	✓	✓	✓	✓	HTML5 (Gecko102) packages V2.0.0 for RZ/G Verified Linux Package V3.0.1 (RTK0EF0045240001Z1-v2.0.0.zip)	Software & Tools - Software	27-Dec-22 HTML5 (Gecko102) packages V2.0.0 for RZ/G Verified Linux Package V3.0.1 (RTK0EF0045240001Z1-v2.0.0.zip)
2	✓	✓	✓	✓	Open source packages for HTML5 (oss_pkg_gecko102_v2.0.0.7z)	Software & Tools - Software	27-Dec-22 Open source packages for HTML5 (oss_pkg_gecko102_v2.0.0.7z)
3	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.14 (RTK0EF004520011AZ1-v1.0.14.zip)	Software & Tools - Evaluation Software	30-Nov-22 RZ/G Verified Linux Package for 64bit kernel V1.0.14 (RTK0EF004520011AZ1-v1.0.14.zip)
4	✓	✓	✓	✓	Open source packages (oss_pkg_rzg_v3.0.1.7z)		30-Sep-22 Open source packages (oss_pkg_rzg_v3.0.1.7z)
5	✓	✓	✓	✓	Open source packages (oss_pkg_v3.0.0.7z)	Software & Tools - Software	31-Mar-22 Open source packages (oss_pkg_v3.0.0.7z)
6	✓	✓	✓	✓	Release note for RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT	Software & Tools - Other	26-Feb-21 Release note for RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT
7	✓	✓	✓	✓	RZ MPU Multimedia Package Evaluation Version V1.0 for Verified Linux Package of RZ/G	Software & Tools - Software	31-Mar-22 RZ MPU Multimedia Package Evaluation Version V1.0 for Verified Linux Package of RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E
8	✓	✓	✓	✓	RZ/G Multimedia Package (Evaluation Version)	Software & Tools - Evaluation Software	27-Nov-19 RZ/G Multimedia Package (Evaluation Version)
9	✓	✓	✓	✓	RZ/G Multimedia Package for 64bit kernel (Evaluation Version)	Software & Tools - Evaluation Software	29-Jun-20 RZ/G Multimedia Package for 64bit kernel (Evaluation Version)
10	✓	✓	✓	✓	RZ/G Verified Linux Package [4.4-CIP] v2.1.3 Evaluation Version	Software & Tools - Evaluation Software	30-Sep-19 RZ/G Verified Linux Package [4.4-CIP] v2.1.3 Evaluation Version
11	✓	✓	✓	✓	RZ/G Verified Linux Package [4.4-CIP] v2.1.7 Evaluation Version	Software & Tools - Evaluation Software	30-Sep-20 RZ/G Verified Linux Package [4.4-CIP] v2.1.7 Evaluation Version
12	✓	✓	✓	✓	RZ/G Verified Linux Package [4.4-CIP-RT] v2.1.6-RT Evaluation Version	Software & Tools - Evaluation Software	29-Jun-20 RZ/G Verified Linux Package [4.4-CIP-RT] v2.1.6-RT Evaluation Version
13	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.2	Software & Tools - Evaluation Software	28-Oct-19 RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.2
14	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.4	Software & Tools - Evaluation Software	29-Jun-20 RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.4
15	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.3-RT	Software & Tools - Evaluation Software	29-Jan-20 RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.3-RT
16	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.5-RT	Software & Tools - Evaluation Software	31-Aug-20 RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.5-RT
17	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.10 (RTK0EF004520011AZ1-v1.0.10.zip)	Software & Tools - Evaluation Software	30-Nov-21 RZ/G Verified Linux Package for 64bit kernel V1.0.10 (RTK0EF004520011AZ1-v1.0.10.zip)
18	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 (RTK0EF004520011AZ1-v1.0.10update1.zip)	Software & Tools - Evaluation Software	10-Dec-21 RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 (RTK0EF004520011AZ1-v1.0.10update1.zip)
19	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 patch(v1010-to-v1010update1_patch.tar.gz)	Software & Tools - Evaluation Software	10-Dec-21 RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 patch(v1010-to-v1010update1_patch.tar.gz)
20	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.11-RT (RTK0EF004520011AZ1-v1.0.11rt.zip)	Software & Tools - Evaluation Software	28-Feb-22 RZ/G Verified Linux Package for 64bit kernel V1.0.11-RT (RTK0EF004520011AZ1-v1.0.11rt.zip)
21	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.12 (RTK0EF004520011AZ1-v1.0.12.zip)	Software & Tools - Evaluation Software	31-May-22 RZ/G Verified Linux Package for 64bit kernel V1.0.12 (RTK0EF004520011AZ1-v1.0.12.zip)
22	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.13-RT (RTK0EF004520011AZ1-v1.0.13rt.zip)	Software & Tools - Evaluation Software	31-Aug-22 RZ/G Verified Linux Package for 64bit kernel V1.0.13-RT (RTK0EF004520011AZ1-v1.0.13rt.zip)
23	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT Release Note for HTML5	Software & Tools - Other	26-Feb-21 RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT Release Note for HTML5
24	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.8 (RTK0EF004520011AZ1-v1.0.8.zip)	Software & Tools - Evaluation Software	11-Jun-21 RZ/G Verified Linux Package for 64bit kernel V1.0.8 (RTK0EF004520011AZ1-v1.0.8.zip)
25	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT (RTK0EF004520011AZ1-v1.0.9rt.zip)	Software & Tools - Evaluation Software	31-Aug-21 RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT (RTK0EF004520011AZ1-v1.0.9rt.zip)
26	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 (RTK0EF004520011AZ1-v1.0.9rtupdate1.zip)	Software & Tools - Evaluation Software	12-Jan-22 RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 (RTK0EF004520011AZ1-v1.0.9rtupdate1.zip)
27	✓	✓	✓	✓	RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 patch(v109rt-to-v109rtupdate1_patch.tar.gz)	Software & Tools - Evaluation Software	12-Jan-22 RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 patch(v109rt-to-v109rtupdate1_patch.tar.gz)
28	✓	✓	✓	✓	RZ/G Verified Linux Package V3.0.0 (RTK0EF004520021AZ1-v3.0.0.zip)	Software & Tools - Software	31-Mar-22 RZ/G Verified Linux Package V3.0.0 (RTK0EF004520021AZ1-v3.0.0.zip)
29	✓	✓	✓	✓	RZ/G Verified Linux Package V3.0.0-update1 (RTK0EF004520021AZ1-v3.0.0-update1.zip)	Software & Tools - Software	20-Jul-22 RZ/G Verified Linux Package V3.0.0-update1 (RTK0EF004520021AZ1-v3.0.0-update1.zip)
30	✓	✓	✓	✓	RZ/G Verified Linux Package V3.0.0-update2 (RTK0EF004520021AZ1-v3.0.0-update2.zip)	Software & Tools - Software	9-Aug-22 RZ/G Verified Linux Package V3.0.0-update2 (RTK0EF004520021AZ1-v3.0.0-update2.zip)
31	✓	✓	✓	✓	RZ/G Verified Linux Package v3.0.1 (RTK0EF004520021AZ1-v3.0.1.zip)		30-Sep-22 RZ/G Verified Linux Package v3.0.1 (RTK0EF004520021AZ1-v3.0.1.zip)
32	✓	✓	✓	✓	Yocto recipe packages (VLP64 v1.0.6)	Software & Tools - Evaluation Software	30-Nov-20 Yocto recipe packages (VLP64 v1.0.6)
33	✓	✓	✓	✓	Yocto recipe packages [VLP v3.0.0] (rzg_bsp_v3.0.0.tar.gz)	Software & Tools - Software	31-Mar-22 Yocto recipe packages [VLP v3.0.0] (rzg_bsp_v3.0.0.tar.gz)
34	✓	✓	✓	✓	Yocto recipe packages [VLP v3.0.1] (rzg_bsp_v3.0.1.tar.gz)		30-Sep-22 Yocto recipe packages [VLP v3.0.1] (rzg_bsp_v3.0.1.tar.gz)
35	✓	✓	✓	✓	Yocto recipe packages [VLP64 v1.0.7-RT] (rzg2_bsp_eva_v107rt.tar.gz)	Software & Tools - Evaluation Software	26-Feb-21 Yocto recipe packages [VLP64 v1.0.7-RT] (rzg2_bsp_eva_v107rt.tar.gz)
36	✓	✓	✓	✓	HTML5 (Gecko) packages V1.1 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045240001Z1_v1.1.zip)		30-Sep-22 HTML5 (Gecko) packages V1.1 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045240001Z1_v1.1.zip)
37	✓	✓	✓	✓	Open source packages for HTML5 (oss_pkg_gecko_v1.1.7z)		30-Sep-22 Open source packages for HTML5 (oss_pkg_gecko_v1.1.7z)
38	✓	✓	✓	✓	Yocto recipe packages for HTML5[VLP v3.0.0] (rzg_bsp_gecko_v1.1.tar.gz)		30-Sep-22 Yocto recipe packages for HTML5[VLP v3.0.0] (rzg_bsp_gecko_v1.1.tar.gz)