

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

Step	Contents	Type	Contents Name	RZ/G2H	RZ/G2M	RZ/G2N	RZ/G2E	Note	Access levels
				Link	Link	Link	Link		
Step-1	Information for engineers								
1	RZ/G Series 32/64-bit MPU (Wiki)	Link summary	This site is for embedded developers and engineers.			Web site		-	Non limitation
1	Contact Support	QA Ticket	Technical Q&A			Web site		-	Non limitation
Step-2	Introduction								
2-1	Hardware Information	Document	RZ/G2H,RZ/G2M,RZ/G2N,RZ/G2E Datasheet			Doc		-	Non limitation
2-2	Introduction for products	Document	RZ Family Microprocessors			Doc		-	Non limitation
		Document	RZ/G2 64-BIT MPU with VERIFIED LINUX PACKAGE			Doc		-	Non limitation
		Document	Partner Board Solutions Allow Immediate Access to Improved IHM Through High Performance 64-Bit MPU (RZ/G2)			Doc		-	Non limitation
		Blog	Blog			Web site	Web site	-	Non limitation
		Document	RZ Family Product Part Number Guide			Doc		-	Non limitation
Step-3	Launch of board and evaluation environment								
3-1	User's Manual	Document	User's Manual: Hardware			Doc		-	Non limitation
		Document	Technical Update			Web site	Web site	-	Non limitation
		Document	Additional document for User's Manual(Realtime Core: Cortex-R7)					Please contact Distri/Sales	
		Document	Additional document for User's Manual(SDHI)					Please contact Distri/Sales	
3-2	Evaluation Board	WEB site	Reference Board WEB Page			Web site	Web site		CSD*1 and NDA Please contact Distri/Sales
		Document	RZ/G2 Reference Board Start-Up Guide			Doc			Non limitation
		Document	Reference Board User's Manual					Please contact Distri/Sales	
3-3	Select the software solution for RZ/G	WEB site	RZ/G Software Package			Web site			Non limitation
		Document	RZ/G Proprietary SW Package Handling					Please contact Distri/Sales	
3-4	Evaluation environment start-up method	WEB site	RZ MPU Verified Linux Package (5.10-CIP)			Web site			Non limitation
		Software	RZ/G Verified Linux Package(OSS)V3.0.7*update5			ZIP file			Non limitation
		WEB site	RZ MPU Multimedia Package for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E [5.10-CIP]			Web site			SLA*3 Secure Access
		Software	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (L.B.B.)			ZIP file			SLA*3 Secure Access
3-4	Evaluation environment start-up method	WEB site	RZ/G Verified Linux Package for 64-bit Kernel [4.19-CIP]			Web site			Non limitation
		Software	RZ/G Verified Linux Package for 64bit kernel V1.0.21+update2 Product version This package includes H.264/M.265 video codec, and graphics (OpenGL ES, function libraries)			ZIP file			SLA*3 Secure Access
3-4	Evaluation environment start-up method	WEB site	RZ MPU HTML5 (Gecko) Package for Verified Linux Packages [5.10-CIP]			Web site			Non limitation
		Software	HTML5 (Gecko102.15) packages V2.1.2 for RZ/G Verified Linux Package V3.0.7			ZIP file			Non limitation
		Document	HTML5(Gecko102.15) packages V2.1.2) Start-up Guide			Doc			Non limitation
3-4	Evaluation environment start-up method	WEB site	RZ MPU Security Package (Linux OS)			Web site			Non limitation
		Software	RZ MPU Security Package for RZ/G2 v3.1.4.4			ZIP file			SLA*3 Secure Access
3-6	How to get various tools	WEB site	RZ Smart Configurator (WEB site)			Web site			Non limitation
		Tool	Smart Configurator for RZ V2.0.0 installer for Linux			Tool			Non limitation
		Tool	Smart Configurator for RZ V2.0.0 installer for Windows			Tool			Non limitation
		Tool	Smart Configurator for RZ V2.0.0 installer for macOS			Tool			Non limitation
		Document	Smart configurator for RZ User's Guide			Doc			Non limitation
Step-4	Custom board development								
4-1	Documents and Simulation Models required for custom board design and development	Document	PCB Design and Verification Flow (for DDR-IF)					Please contact Distri/Sales	
		Document	Check List for PCB Design(Requires NDA)					Please contact Distri/Sales	NDA
		Document	PCB Design Guide for DDR memory					Please contact Distri/Sales	
		Document	PCB Verification Guide for DDR memory (*IBIS* and *PKG model of DDR-IF* are required for simulation)					Please contact Distri/Sales	
		Model	IBIS					Please contact Distri/Sales	
		Model	PKG_model_of_DDR-IF					Please contact Distri/Sales	
		Document	PCB Verification Guide for Core (*PDK model* is required for simulation)					Please contact Distri/Sales	
		Model	PDK model					Please contact Distri/Sales	
		Document	PCB Design Guide for Serial Interface (including the HDMI PCB Design Guide)					Please contact Distri/Sales	
		Design Data	Reference Desing Data(Schamatics/Layout/BOM)			ZIP file			Disclaimer*4 Please contact Distri/Sales
		File	BSDL					Please contact Distri/Sales	
		Document	Mechanical Handling Guideline					Please contact Distri/Sales	
		Document	Thermal Management Guide					Please contact Distri/Sales	
		Document	Reference Power consumption					Please contact Distri/Sales	
		Document	RZ/G2H, RZ/G2M AND RZ/G2N COMPATIBILITY GUIDE					Please contact Distri/Sales	
		Document	Guide to Using RGMII in Making an EthernetAVB-IF Connection(Requires NDA)					Please contact Distri/Sales	NDA
		Document	Guide to Implementing the VSPD and DU(Requires NDA)					Please contact Distri/Sales	NDA

*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/G Software package archive list (2H2025)

Product	Library Nick Name	Version	Package Name
RZ/G2H	Verified Linux Package	v3.0.7	RZ/G Verified Linux Package v3.0.7(RTK0EF0045Z0021AZI)-v3.0.7.zip
RZ/G2M		v3.0.7-update2	RZ/G Verified Linux Package v3.0.7-update2(RTK0EF0045Z0021AZI)-v3.0.7-update2.zip
RZ/G2N		v3.0.7-update3	RZ/G Verified Linux Package v3.0.7(RTK0EF0045Z0021AZI)-v3.0.7-update3.zip
RZ/G2E		v3.0.7-update4	RZ/G Verified Linux Package v3.0.7(RTK0EF0045Z0021AZI)-v3.0.7-update4.zip
		v3.0.7-update5	RZ/G Verified Linux Package v3.0.7-update5 (RTK0EF0045Z0021AZI)-v3.0.7-update5.zip
	Open source packages	v3.0.7	Open source packages(oss_pkg_rzg_v3.0.7.7z)
	Multimedia Lib.(incl. RZ MPU	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0.2_xx.zip
	Graphics Library And RZ MPU Video	v1.0.3	RZ MPU Multimedia Package v1.0.3 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E (RTK0EF0045Z0023AZI)-v1.0.3_xx.zip
	RZ/G Security Package	v3.1.4.4	RZ MPU Security Package for RZ/G2 v3.1.4.4 Renesas
	RZ MPU HTML5(Gecko) Package	v2.1.2	HTML5 (Gecko102.15) packages V2.1.2 for RZ/G Verified Linux Package V3.0.7 (RTK0EF0045Z40001Z) v2.1.2.zip
	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZI)-v3.0.6.zip
		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZI)-v3.0.6-update1.zip
		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZI)-v3.0.6-update2.zip
		v3.0.6-update3	RZ/G Verified Linux Package v3.0.6-update3(RTK0EF0045Z0021AZI)-v3.0.6-update3.zip
	Open source packages	v3.0.6	Open source packages(oss_pkg_rzg_v3.0.6.7z)
	Multimedia Lib.(incl. RZ MPU Graphics	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0.2_xx.zip
	RZ/G Security Package	v1.4.3	RZ MPU Security Package for RZ/G v1.4.3 Renesas
		v1.4.3-update2	RZ MPU Security Package for RZ/G v1.4.3-update2 Renesas
	RZ MPU HTML5(Gecko) Package	v2.1.1	HTML5 (Gecko102.15) packages V2.1.1 for RZ/G Verified Linux Package V3.0.6 (RTK0EF0045Z40001Z) v2.1.1.zip
	Verified Linux Package	v3.0.5	RZ/G Verified Linux Package v3.0.5 (RTK0EF0045Z0021AZI)-v3.0.5.zip
		v3.0.5-update1	RZ/G Verified Linux Package v3.0.5-update1(RTK0EF0045Z0021AZI)-v3.0.5-update1.zip
		v3.0.5-update3	RZ/G Verified Linux Package v3.0.5-update3(RTK0EF0045Z0021AZI)-v3.0.5-update3.zip
		Open source packages	v3.0.5
	Multimedia Lib.(incl. RZ MPU Graphics	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0.2_xx.zip
	RZ/G Security Package	v1.4.2	RZ/G Security Package v1.4.2 Renesas
	RZ MPU HTML5(Gecko) Package	v2.1.0	HTML5 (Gecko102.15) packages V2.1.0 for RZ/G Verified Linux Package V3.0.5 (RTK0EF0045Z40001Z) v2.1.0.zip
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZI)-v3.0.3.zip
		Open source packages	v3.0.3
	Multimedia Lib.(incl. RZ MPU Graphics	v1.0.2	RZ MPU Multimedia Package v1.0.2 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0.2_xx.zip
	RZ/G Security Package	---	---
	RZ MPU HTML5(Gecko) Package	v1.3.0	HTML5 (Gecko91) packages V1.3.0 for RZ/G Verified Linux Package V3.0.3 (RTK0EF0045Z40001Z) v1.3.0.zip
	RZ MPU HTML5(Gecko) Package	v2.0.3	HTML5 (Gecko102) packages V2.0.3 for RZ/G Verified Linux Package V3.0.3 (RTK0EF0045Z40001Z) v2.0.3.zip
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZI)-v3.0.1.zip
		Open source packages	v3.0.1
	Multimedia Lib.(incl. RZ MPU Graphics	v1.0.1	RZ MPU Multimedia Package v1.0.1 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0.1_xx.zip
	RZ/G Security Package	---	---
	RZ MPU HTML5(Gecko) Package	v1.2	Please contact our sales representative.
	Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZI)-v3.0.0.zip
		Open source packages	v3.0.0
	Multimedia Lib.(incl. RZ MPU Graphics	v1.0	RZ MPU Multimedia Package v1.0 Unrestricted Version for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E(RTK0EF0045Z0023AZI)-v1.0_xx.zip
	RZ/G Security Package	---	---
	RZ MPU HTML5(Gecko) Package	v1.1	Please contact our sales representative.
	RZ/G OpenCL Library Software	v1.00	https://www.renesas.com/document/sws/rzg-opencl-library-software
	RZ/G2H Android 11(Kernel5.10)	---	RZ/G2H Android 11 [Commercial version] Renesas ルネサス