

RZ/G2UL Easy Download Guide

ステップ	コンテンツ情報	Contents Type	Contents Name	RZ/G2UL Link	Note	Access levels	
エン지니어向け情報	RZ/G Series 32/64-bit MPU (Wiki)	Link summary	Introduction,Boards,Software and Documentation	Link	-	Non limitation	
	Contact Support	QA Ticket	Technical Q&A	Link	-	Non limitation	
製品紹介	1 データシート	Document	RZ/G2UL Data sheet	Link	-	Non limitation	
	2 RZ ファミリー カタログ	Document	RZ ファミリー カタログ	Link	-	Non limitation	
	3 パンフレット	Document	RZ/G2L, RZ/G2LC, RZ/G2UL パンフレット	Link	-	Non limitation	
	4 Demo Video	Video	Introduction to RZ/G2UL - An Entry-class MPU for Industrial HMI Applications	Link	-	Non limitation	
	5 RZ Family Product Part Number Guide	Document	RZ Family Product Part Number Guide	Link	-	Non limitation	
ボード、評価環境の立ち上げ	1 ユーザーズマニュアル	Document	User's Manual: Hardware	Link	-	Non limitation	
		Document	Technical Update	Link	-	Non limitation	
		Document	Additional document for User's Manual(SDHI)(Requires LoA)	Link	LoA*1	弊社特約店/代理店へお問い合わせ下さい	
	2 ボードの立ち上げ方法	Document	SMARC Module Board User's Manual	Link	-	Non limitation	
		Document	SMARC Carrier Board User's Manual	Link	-	Non limitation	
		Document	RZ/G Series Performance Guide	Link	-	Non limitation	
	3 ボード情報・入手方法	Info/purchase	Evaluation Kit WEB Page	Link	-	Non limitation	
	4-1 評価環境立ち上げ方法 Verified Linux Package (VLP)	Document	RZ/G Verified Linux Package V3.0.6-update3 Release Note	Link	-	Non limitation	
		Document	SMARC EVK of RZ/G2L, RZ/G2LC, RZ/G2UL Linux Start-up Guide	Link	-	Non limitation	
		Document	RZ/G2L Group and RZ/V2L Group BSP Manual Set	Link	EULA*2	MyRenesas	
		Document	RZ/G Proprietary SW Package Handling	Link	-	弊社特約店/代理店へお問い合わせ下さい	
	4-2 評価環境立ち上げ方法 Multi-OS Package	Document	Release Note for Multi-OS Package v2.0.2	Link	-	Non limitation	
		Document	Getting Started with Flexible Software Package	Link	-	Non limitation	
		Document	Setting GPIO with Flexible Software Package	Link	-	Non limitation	
		Document	FSP Documentation	Link	-	Non limitation	
		Document	Release Note for Flexible Software Package	Link	-	Non limitation	
	4-3 RZセキュリティソリューション概要 RZ MPU Security Package (Linux OS)	Document	RZセキュリティソリューション概要	Link	-	Non limitation	
	5-1 各種ソフトウェア入手方法	RZ/G2UL Pre-built Images	Software	RZ/G2UL Pre-built Images (RZG2UL_VLP3.0.6_Pre-built_Images.zip)	Link	-	Non limitation
		Verified Linux Package (VLP)	Web Link	RZ/G Verified Linux Package [5.10-CIP]	Link	-	Non limitation
		Feature Package (Multi-OS Package)	Web Link	RZ/G2L and RZ/G2UL Group Multi-OS Package	Link	EULA*2	MyRenesas
		Feature Package (Security Package)	Web Link	Security Package	Link	SLA*3	Secure Access
		Web UI Package	Web Link	RZ MPU WebUI Package	Link	-	Non limitation
		RZ BSP Porting - Ubuntu	Software	Ubuntu vesion 20.04.LTS (application note & script file)	Link	-	Non limitation
	6 各種ツール入手方法	Tool	Smart Configurator	Link	-	Non limitation	
		7 各種ツール立ち上げ方法	Document	Smart Configurator for RZ User's Guide	Link	-	Non limitation
	カスタムボード開発	PCB Design and Verification Flow (for DDR-IF)	Document	PCB Design and Verification Flow (for DDR-IF)	Link	-	弊社特約店/代理店へお問い合わせ下さい
		PCB Design checklist when designing a custom board	Document	Board circuit design checklist	Link	-	Non limitation
PCB Design Guide for High Speed Serial Interfaces		Document	PCB Design Guidelines for MIPI-CSI, MIPI-DSI and USB2.0	Link	-	Non limitation	
PCB Design Guide for DDR memory,DDR Config Generation Tool		Document,Tool	PCB Design Guideline for DDR4/DDR3L, DDR Config Generation Tool	Link	-	Non limitation	
PCB Verification Guide for Core, PDN model		Document,Model	PCB verification guide for Core VDD, PDN model	Link	-	Non limitation	
PCB Verification Guide for DDR memory		Document,Model	PCB verification guide for DDR4/DDR3L	Link	-	Non limitation	
Reference Desing Data(Schamtics,Layout,BOM)		Design Data	SMARC Module Board Design Data(Schematics,Layout,BOM)	Link	Disclaimer*4	MyRenesas	
Reference Desing Data(Schamtics,Layout,BOM)		Design Data	Carrier Board Design Data(Schematics,Layout,BOM)	Link	Disclaimer*4	MyRenesas	
IBIS(For LSI)		Model	IBIS	Link	Disclaimer*4	MyRenesas	
Boundary Scan Description Language file		File	BSDL	Link	Disclaimer*4	MyRenesas	
Guide to Using RGMII in Making an Ethernet-IF Connection		Document	Guide to Using RGMII in Making an Ethernet-IF Connection	Link	-	Non limitation	
RZ/G2UL Type-1, RZ/A3UL and RZ/Five Pin Compatibility Guide		Document	RZ/G2UL Type-1, RZ/A3UL and RZ/Five Pin Compatibility Guide	Link	-	Non limitation	
RZ/G2LC and RZ/G2UL Type-2 Pin Compatibility Guide		Document	RZ/G2LC and RZ/G2UL Type-2 Pin Compatibility Guide	Link	-	Non limitation	
RZ/G2UL Power Consumption Measurement		Document	Power Consumption Measurement	Link	-	Non limitation	
Reference Power consumption		Document	Reference power consumption guide	Link	-	Non limitation	
Thermal Management Guide		Document	Thermal Management Guideline	Link	-	Non limitation	
Mecanical Handling Guideline		Document	Mechanical Handling Guideline	Link	-	Non limitation	
Reflow Soldering conditions		Document	Mount Conditions Reflow Soldering Conditions	Link	-	Non limitation	
Baking conditions		Document	Mount Conditions Baking Conditions	Link	-	Non limitation	
Semiconductor Package Mount Manual		Document	Semiconductor Package Mount Manual	Link	-	Non limitation	
Lifetime estimation guide		Document	Lifetime Guideline	Link	-	Non limitation	
Power Management IC installed in EVK		Device Info	Power Management IC	Link	-	Non limitation	
Clock Generator IC installed in EVK		Device Info	Clock Generator IC	Link	-	Non limitation	
RZ/G2UL Reliability Report		Document	R9A07G043UXXGBG Reliability Report	Link	-	Non limitation	
Power calculation sheet and guide		Document	Power calcuration sheet and guide	Link	-	弊社特約店/代理店へお問い合わせ下さい	
Low Power Guideline		Document	Low Power Guideline	Link	-	弊社特約店/代理店へお問い合わせ下さい	

*1: Letter of Acknowledgement
*2: End User Licence Agreement
*3: Software Licence Agreement
*4: 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	Librally Nick Name	Version	Package Name
RZ/G2L	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ-v3.0.6.zip)
		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ-v3.0.6-update1.zip)
		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ-v3.0.6-update2.zip)
	Graphics Lib.	v1.2.2	RZ MPU Graphics Library V1.2.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.2.2_XX.zip)
	Video Codec Lib.	v1.2.1	RZ MPU Video Codec Library v1.2.1 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ-v1.2.1_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)
	Graphics Lib.	v1.1.2	RZ MPU Graphics Library V1.1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.1.2_XX.zip)
	Video Codec Lib.	v1.1.0	RZ MPU Video Codec Library v1.1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ-v1.1.0_XX.zip)
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ-v3.0.3.zip)
	Graphics Lib.	v1.0.5	RZ MPU Graphics Library V1.0.5 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.0.5_XX.zip)
	Video Codec Lib.	v1.1.0	RZ MPU Video Codec Library v1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ-v1.0_rzg_XX.zip)
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ-v3.0.1.zip)
	Graphics Lib.	v1.3	RZ MPU Graphics Library V1.3 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.3_XX.zip)
Video Codec Lib.	v1.0	RZ MPU Video Codec Library v1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ-v1.0_rzg_XX.zip)	
Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ-v3.0.0.zip)	
Graphics Lib.	v1.2	RZ MPU Graphics Library V1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.2_XX.zip)	
Video Codec Lib.	v0.58	RZ MPU Video Codec Library V0.58 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/V2L (RTK0EF0045Z16001ZJ-v0.58_XX.zip)	

Product	Librally Nick Name	Version	Package Name
RZ/G2LC	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ-v3.0.6.zip)
		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ-v3.0.6-update1.zip)
		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ-v3.0.6-update2.zip)
	Graphics Lib.	v1.2.2	RZ MPU Graphics Library V1.2.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.2.2_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)
	Graphics Lib.	v1.1.2	RZ MPU Graphics Library V1.1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.1.2_XX.zip)
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ-v3.0.3.zip)
	Graphics Lib.	v1.0.5	RZ MPU Graphics Library V1.0.5 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.0.5_XX.zip)
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ-v3.0.1.zip)
	Graphics Lib.	v1.3	RZ MPU Graphics Library V1.3 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.3_XX.zip)
	Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ-v3.0.0.zip)
	Graphics Lib.	v1.2	RZ MPU Graphics Library V1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ-v1.2_XX.zip)

Product	Librally Nick Name	Version	Package Name
RZ/G2UL	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ-v3.0.6.zip)
		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ-v3.0.6-update1.zip)
		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ-v3.0.6-update2.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)
	Verified Linux Package	v3.0.3	RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ-v3.0.3.zip)
	Verified Linux Package	v3.0.1	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ-v3.0.1.zip)
	Verified Linux Package	v3.0.0	RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ-v3.0.0.zip)