



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

このドキュメントには、ユーザーがアプリケーションを開発するために必要なすべてのリンクが再グループ化されています。

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Mouseover "L" in "Link"

RZ/G3S Easy Download Guide

Step-1	Information for engineers	Contents Type	Contents Name	RZ/G3S Link	Note	Access levels
1-1	RZ/G Series 32/64-bit MPU (Wiki)	Link summary	Introduction,Boards,Software and Documentation	Link	-	Non limitation
1-2	Contact Support	QA Ticket	Technical Q&A	Link	-	Non limitation

Step-2	Introduction	Contents Type	Contents Name	RZ/G3S Link	Note	Access levels
2-1	Hardware Information	Document	RZ/G3S Datasheet	Link	-	Non limitation
2-2	Introduction for products	Document	RZ Family Microprocessors	Link	-	Non limitation
		Document	Renesas RZ/G3S Group Flyer	Link	-	Non limitation
		Video	60's Video	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/G3S Link	Note	Access levels
3-1	User's Manual	Document	User's Manual: Hardware	Link	-	Non limitation
		Document	Additional document for User's Manual(SDHI)(Requires LoA)	Please contact Distl/Sales	LoA*1	Please contact Distl/Sales
3-2	Evaluation Board	WEB site	Evaluation Kit WEB Page	Link	-	Non limitation
		Document	SMARC Module Board User's Manual	Link	-	Non limitation
		Document	SMARC Carrier Board User's Manual	Link	-	Non limitation
3-3	Select the software solution for RZ/G	WEB site	RZ/G Software Package	Link	-	Non limitation
		Document	RZ/G Proprietary SW Package Handling	Please contact Distl/Sales	-	Please contact Distl/Sales
3-4	Evaluation environment start-up method Linux BSP Plus	WEB site	RZ Linux BSP Plus	Link	-	Non limitation
		WEB site	What' new	Link	-	Non limitation
		WEB site	Getting Started	Link	-	Non limitation
		WEB site	How to Build	Link	-	Non limitation
		Software	Security Package for Linux BSP Plus Kernel 6.12 v1.0	Link	SLA*3	Secure Access
		Software	Multi-OS Package for BSP Plus (Git-hub)	Link	-	Non limitation
3-5	Evaluation environment start-up method Verified Linux Package (VLP)	Document	RZ/G Verified Linux Package V3.0.7-update2 Release Note	Link	-	Non limitation
		Document	Linux Start-up Guide	Link	-	Non limitation
		Document	RZ/G3S Group BSP Manual Set	Link	-	Non limitation
3-6	Evaluation environment start-up method Multi-OS Package	Document	Release Note for Muti-OS Package v2.3.0	Link	-	Non limitation
		Document	RZ/G3S AWO Example Project Start-up Guide	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
3-7	Evaluation environment start-up method Security Package	WEB site	RZ MPU Security Package (Linux OS)	Link	-	Non limitation
		Software	RZ MPU Security Package for RZ/G3S v3.2.0.0-update1 (ZIP)	Link	SLA*3	Secure Access
		Document	RZ Security Solution Overview	Link	-	Non limitation
3-8	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/G3S 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-1F)	Please contact Distl/Sales		Please contact Distl/Sales
		Document	Board circuit design checklist	Link	-	Non limitation
		Document	PCB Design Guidelines for MIPI-CSI, MIPI-DSI, USB2.0 and PCI Express Gen2	Link	-	Non limitation
		Document,Tool	PCB Design Guideline for LDDR4, DDR Config Generation Tool	Link	TCU*5	Secure Access
		Document,Model	PCB verification guide for Core VDD, PDN model	Link	-	Non limitation
		Document,Model	PCB verification guide for LDDR4, PKG model	Link	TCU*5	Secure Access
		Design Data	SMARC Module Board Design Data(Schematics,Layout,BOM)	Link	Disclaimer*4	MyRenesas
		Design Data	Carrier Board Design Data(Schematics,Layout,BOM)	Link	Disclaimer*4	MyRenesas
		Document	RZ Family DRAM List	Link	-	Non limitation
		Model	IBIS	Link	TCU*5	Secure Access
		File	BSDL	Link	Disclaimer*4	MyRenesas
		Document	Guide to Using RGMII in Making an Ethernet-1F Connection	Link	-	Non limitation
		Document	Power Consumption Measurement	Link	-	Non limitation
		Document	RZ Series Current Measurement Program(Application Note)	Link	-	MyRenesas
		Tool	RZ Series Current Measurement Program(Tool)	Link	Disclaimer*4	MyRenesas
		Document	Reference power consumption guide	Link	-	Non limitation
		Document	Thermal Management Guideline	Link	-	Non limitation
		Document	Mechanical Handling Guideline	Link	-	Non limitation
		Document	Mount Conditions Reflow Soldering Conditions	Link	-	Non limitation
		Document	Mount Conditions Baking Conditions	Link	-	Non limitation
		Document	Semiconductor Package Mount Manual	Link	-	Non limitation
		Document	Lifetime Guideline	Link	-	Non limitation
		Device Info	Power Management IC	Link	-	Non limitation
		Device Info	Clock Generator IC	Link	-	Non limitation
		Document	R9A08G045XXGBG Reliability Report	Link	-	Non limitation
		Document	Power calculation sheet and guide	Please contact Distl/Sales	-	Please contact Distl/Sales

*1: Letter of Acknowledgement

*2: End User Licence Agreement

*3: Software Licence Agreement

*4: Disclaimer Letter

*5: Terms and Conditions of Use

[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 アーカイブページをご参照ください。]

RZ/G Software package archive list (2H2025)

Product	Library Nick Name	Version	Package Name
RZ/G3S	Verified Linux Package	v3.0.7	RZ/G Verified Linux Package v3.0.7(RTK0EF0045Z0021AZ)-v3.0.7.zip
		v3.0.7-update2	RZ/G Verified Linux Package v3.0.7-update2(RTK0EF0045Z0021AZ)-v3.0.7-update2.zip
		v3.0.7-update3	RZ/G Verified Linux Package v3.0.7(RTK0EF0045Z0021AZ)-v3.0.7-update3.zip
	Open source packages	v3.0.7	Open source packages(oss_pkg_rzg_v3.0.7.7z)
	RZ MPU Graphics Library	---	---
	RZ MPU Video Codec Library	---	---
	RZ/G Multi-OS Package	v3.0.0	https://www.renesas.com/en/document/sws/rzg-multi-os-package-v300?r=1522841
	RZ/G FSP Package	v3.1.0	https://www.renesas.com/en/document/sws/rzg-fsp-packs-v310?r=1522841
	RZ/G Security Package	v3.2.0.0	RZ MPU Security Package for RZ/G3S v3.2.0.0 Renesas
	RZ MPU HTML5(Chromium) Package	---	---
	RZ MPU HTML5(Gecko) Package	---	---
	Verified Linux Package	v3.0.6	RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZ)-v3.0.6.zip
		v3.0.6-update1	RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZ)-v3.0.6-update1.zip
		v3.0.6-update2	RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZ)-v3.0.6-update2.zip
		v3.0.6-update3	RZ/G Verified Linux Package v3.0.6-update3(RTK0EF0045Z0021AZ)-v3.0.6-update3.zip
	Open source packages	v3.0.6	Open source packages(oss_pkg_rzg_v3.0.6.7z)
	RZ MPU Graphics Library	---	---
	RZ MPU Video Codec Library	---	---
	RZ/G Multi-OS Package	v2.0.2	https://www.renesas.com/ia/document/sws/rzg-multi-os-package-v202?queryID=b0536eb11139f82591fa8ed4e0754f32
	RZ/G FSP Package	v2.0.1	https://github.com/renesas/rzg-fsp/releases/download/v2.0.1/RZG_FSP_Packs_v2.0.1.exe
	RZ/G Security Package	v1.4.3-update2	RZ MPU Security Package for RZ/G v1.4.3-update2 Renesas
		v1.4.3	RZ MPU Security Package for RZ/G v1.4.3 Renesas
	RZ MPU HTML5(Chromium) Package	---	---
	RZ MPU HTML5(Gecko) Package	---	---
	Board Support Package(BSP)	v1.0.0	RZ/G3S Board Support Package V1.0.0 (RTK0045Z95001Z)-v1.0.0..zip](ZIP)