RENESAS

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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「Link」の「L」にマウスを置いて下さい

RZ/G2L, RZ/G2LC Easy Download Guide

ステップ	エンジニア向け情報	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link	Note
	RZ/G Series 32/64-bit MPU (Wiki)	Link summary	Introduction,Boards,Software and Documentation		Link	-
	Contact Support	QA Ticket	Technical Q&A		Link	-

ステップ	製品紹介	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link	Note
1	RZ ファミリ カタログ	Document	RZ ファミリ カタログ		Link	-
2	パンフレット	Document	RZ/G2L, RZ/G2LC, RZ/G2UL パンフレット		Link	-
3	ホワイトペーパー	Document	64 ビット MPU RZ/G2L、RZ/G2LC で AI 推論処理機能を備えたエントリーレベルの HMI を実現		Link	-
4	User's Manual Overview	Document	User's Manual Overview		Link	-
5	オンライントレーニング	Video	Arm®ベース64ビットRZ/G2L, RZ/G2LC MPUのオンライントレーニング			
6	60秒 ビデオ	Video	HMI機能を拡張する64ビットマイクロプロセッサ RZ/G2L, RZ/G2LC			
7	Human Machine Interface with Arm-based Edge AI	Video	Human Machine Interface with Arm®-based Edge AI		Link	-
8	Introduction of RZ/G AI BSP	Video	Introduction of RZ/G AI BSP			
9	RZ/G FOSS AI Shipping Basket Demo	Video	RZ/G FOSS AI Shipping Basket Demo			
10	On-Demand Webinar	Video	Digital Transformations Enabled by RZ/G2L, RZ/G2LC 64-bit Microprocessors			
11	RZ/G IEC 62443-4-2 READY Solution	WEB Page	RZ/G IEC 62443-4-2 READY Solution		Link	

ステップ	ボード、評価環境の立ち上げ	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link	Note
1	ユーザーズマニュアル	Document	User's Manual: Hardware		Link	-
		Document	Technical Update		Link	-
		Document	Additional document for User's Manual(SDHI)(Requires LoA)	弊社特約店/代理店へお問い合わせ下さい		LoA*1
2	ボードの立ち上げ方法					
		Document	RZ/G2L Evaluation Board Kit Quick Start Guide	Link	-	
		Document	SMARC Module Board User's Manual	Link	Link	-
		Document	SMARC Carrier Board User's Manual		Link	-
		Document	Evaluation Kit(EVK) Start Up Guide		Link	-
3	ボード情報・入手方法	Info/purchase	Evaluation Kit WEB Page	Link	Link	-
4-1	評価環境立ち上げ方法					
	Verified Linux Package (VLP)	Document	Release Note for RZ/G Verified Linux Package(v3.0.5)		Link	-
		Document	SMARC EVK of RZ/G2L, RZ/G2LC, RZ/G2UL Linux Start-up Guide		Link	-
		Document	HTML5(Gecko102.15_packages V2.1.0) Start-up Guide (for RZ/G VLPv3.0.5)		Link	-
		Document	RZ/G2L Group and RZ/V2L Group BSP Manual Set		Link	EULA*2
		Document	RZ/G2L GStreamer User's Manual	Link	-	
	RZ/G Proprietary SW Package Handring	Document	RZ/G Proprietary SW Package Handring	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 Muti-OS Package		Link	-
		Document	Getting Started with Flexible Software Package		Link	-
		Document	Setting GPIO with Flexible Software Package		Link	-
		Document	FSP Documentation		Link	-
		Document	Release Note for Flexible Software Package		Link	-
5-1	各種ソフトウエア入手方法					
	RZ/G2L,LC Pre-built Images	Software	RZ/G2L,LC Pre-built Images (RZG2L_VLP3.0.5_Pre-built_Images.zip)	Link	Link	SLA*3
	Verified Linux Package (VLP)	Software	RZ/G Verified Linux Package [5.10-CIP]		Link	-
	Feature Package (Graphics Library)	Software	RZ MPU Graphics Library Evaluation Version		Link	SLA*3
	Feature Package (Codec Library)	Software	RZ MPU Video Codec Library Evaluation	Link	-	SLA*3
	Feature Package (HTML5 Package)	Software	RZ MPU HTML5 (Gecko) Package	Link	-	-
	Feature Package (Multi-OS Package)	Software	RZ/G2L and RZ/G2UL Group Multi-OS Package		Link	EULA*2
	Feature Package (Security Package)	Software	RZ MPU Security Package		Link	SLA*3
	Demo software	Software	Camera Image Overlay Demos (Github)	Link	-	-
	Sample Code	Software	RZ CRU Sample Code(Github)	Link	-	-
	Sample Code	Software	RZ/G2L Gstreamer sample Code(GitHub)	Link		
	Web UI Package	Software	RZ MPU WebUI Package		Link	-
6	各種ツール入手方法					
		Tool	Smart Configurator		Link	-
7	各種ツール立ち上げ方法					
		Document	Smart Configurator for RZ User's Guide		Link	-

ステップ	カスタムボード開発	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link	Note
	PCB Desigh and Verification Flow (for DDR-IF)	Document	PCB Desigh and Verification Flow (for DDR-IF)	弊社特約店/代理店へお問い合わせ下さい		-
	カスタムボード設計時のPCB設計チェックリスト	Document	Board circuit design checklist		Link	-
	高速シリアルインターフェイスのPCB設計ガイド	Document	PCB Design Guidelines for MIPI-CSI, MIPI-DSI and USB2.0		Link	-
	DDRメモリーのPCB設計ガイド, DDR Config Genaration Tool	Document,Tool	PCB Design Guideline for DDR4/DDR3L, DDR Config Generation Tool		Link	-
	コア電源のPCB検証ガイド	Document	PCB verification guide for Core VDD		Link	-
	DDRメモリーのPCB検証ガイド	Document,Model	PCB verification guide for DDR4/DDR3L	Link	Link	-
	ボードの参照用設計データ(SMARC Module)	Design Data	SMARC Module Board Design Data(Schematics,Layout,BOM)	Link	Link	Disclaimer*4
	ボードの参照用設計データ(Carrier Board)	Design Data	Carrier Board Design Data(Schematics,Layout,BOM)		Link	Disclaimer*4
	IBISモデル(LSI用)	Model	IBIS	Link	Link	Disclaimer*4
	Boundary Scan Description Language file	File	BSDL		Link	Disclaimer*4
	電源供給ネットワークファイル	Model	PDN		Link	Disclaimer*4
	Guide to Using RGMII in Making an Ethernet-IF Connection	Document	Guide to Using RGMII in Making an Ethernet-IF Connection		Link	-
	消費電力測定結果情報	Document	Power Consumption Measurement	Link	-	-
	参照用消費電力情報	Document	Reference power consumption guide	Link	Link	-
	熱管理ガイド	Document	Thermal Management Guideline	Link	Link	-
	メカニカルハンドリングガイド	Document	Mechanical Handling Guideline		Link	-
	リフローソルダーリング条件	Document	Mount Conditions Reflow Soldering Conditions		Link	-
	ベーク条件	Document	Mount Conditions Baking Conditions		Link	-
	半導体パッケージ実装マニュアル	Document	半導体パッケージ実装マニュアル		Link	-
	ライフタイム見積ガイド	Document	Lifetime Guideline		Link	-
	Power Management IC installed in EVK	Device Info	Power Management IC		Link	-
	Clock Generator IC installed in EVK	Device Info	Clock Generator IC		Link	-
	RZ/G2L,RZ/G2LC Reliability Report	Document	R9A07G044XXXGBG Reliability Report	Link	Link	
	Power calculation sheet and guide	Document	Power calcuration sheet and guide	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	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 Lisence Agreement
*3: Software Lisence 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/G2L,RZ/G2LC,RZ/G2UL Software contents Archive List] Jan. 2023

#	G2L	G2LC	G2UL	Download Link
1	✓			HTML5 (Gecko102) packages V2.0.0 for RZ/G Verified Linux Package V3.0.1 (RTK0EF0045Z40001ZJ_v2.0.0.zip)
2	✓			Open source packages for HTML5 (oss_pkg_gecko102_v2.0.0.7z)
3	✓	✓		RZ MPU Graphics Library Evaluation Version V1.21 for RZ/G2L, RZ/G2LC, and RZ/V2L (RTK0EF0045Z13001ZJ-v1.21_EN.zip)
4	✓	✓	✓	Additional package for RZ/G2L Group BSPv1.4 (additional_pkg_rzg2l_bsp1.4.zip)
5	✓			Codec Library Evaluation Version V0.51 for Board Support Package of RZ/G2L and RZ/V2L
6	✓			Codec Library Evaluation Version V0.51 for RZ/G2L Group Board Support Package
7	✓			Codec Library Evaluation Version V0.52 for RZ/G2L Board Support Package
8	✓			Codec Library Evaluation Version V0.54 for RZ/G2L Group Board Support Package
9	✓			HTML5 (Gecko) package V1.0 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045Z40001ZJ_v3.0.0.zip)
10	✓			HTML5 (Gecko) Package V1.0 for RZ/G2L Group Board Support Package V1.4 (RTK0EF0045Z41001ZJ_v1.0.zip)
11	✓	✓	✓	HTML5 (Gecko) packages V1.1 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045Z40001ZJ_v1.1.zip)
12	✓			Mali GPU Graphics Library Evaluation Version V0.51 for RZ/G2L Board Support Package
13	✓	✓	✓	Open source packages (oss_pkg_rzg_v3.0.1.7z)
14	✓	✓	✓	Open source packages (oss_pkg_v3.0.0.7z)
15	✓	✓	✓	Open source packages for HTML5 (oss_pkg_gecko_v1.1.7z)
16	✓			Open source packages for HTML5 (oss_pkg_gecko_v3.0.0.7z)
17	✓			RZ MPU Codec Library Evaluation Version V0.53 for Board Support Package of RZ/G2L and RZ/V2L
18	✓			RZ MPU Codec Library Evaluation Version V0.55 for Board Support Package of RZ/G2L
19	✓	✓		RZ MPU Graphic Library Evaluation Version V1.1 for RZ/G2L, RZ/G2LC and RZ/V2L (RTK0EF0045Z13001ZJ-v1.1_EN.zip)
20	✓	✓	✓	RZ MPU Graphic Library Evaluation Version V1.3 for RZ/G2L and RZ/G2LC
21	✓	✓		RZ MPU Graphics Library Evaluation Version V0.8 for Board Support Package of RZ/G2L, RZ/G2LC, and RZ/V2L
22	✓	✓		RZ MPU Graphics Library Evaluation Version V0.81 for Board Support Package of RZ/G2L and RZ/G2LC
23	✓	✓		RZ MPU Graphics Library Evaluation Version V1.0 for Verified Linux Package of RZ/G2L and RZ/G2LC
24	✓	✓		RZ MPU Graphics Library Evaluation Version V1.2 for RZ/G2L, RZ/G2LC, and RZ/V2L (RTK0EF0045Z13001ZJ-v1.2_EN.zip)
25	✓			RZ MPU Video Codec Library Evaluation Version V0.56 for Verified Linux Package of RZ/G2L
26	✓			RZ MPU Video Codec Library Evaluation Version V0.57 for RZ/G2L and RZ/V2L (RTK0EF0045Z15001ZJ-v0.57_EN.zip)
27	✓			RZ MPU Video Codec Library Evaluation Version V0.58 for RZ/G2L and RZ/V2L (RTK0EF0045Z15001ZJ-v0.58_EN.zip)
28	✓			RZ MPU Video Codec Library Evaluation Version V1.0 for RZ/G2L
29	✓	✓	✓	RZ/G Verified Linux Package V3.0.0 (RTK0EF0045Z0021AZJ-v3.0.0.zip)
30	✓	✓	✓	RZ/G Verified Linux Package V3.0.0-update1 (RTK0EF0045Z0021AZJ-v3.0.0-update1.zip)
31	✓	✓	✓	RZ/G Verified Linux Package V3.0.0-update2 (RTK0EF0045Z0021AZJ-v3.0.0-update2.zip)
32	✓	✓	✓	RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ-v3.0.1.zip)
33	✓			RZ/G2L Board Support Package V1.0 (RTK0EF0045Z0019AZJ-v1.0.zip)
34	✓			RZ/G2L Board Support Package V1.1 (RTK0EF0045Z0019AZJ-v1.1.zip)
35	✓			RZ/G2L Board Support Package V1.1update1 (RTK0EF0045Z0019AZJ-v1.1update1.zip)
36	✓			RZ/G2L Board Support Package V1.1update1 patch (v1.1-to-v1.1update1.patch.tar.gz)
37	✓	✓		RZ/G2L Board Support Package V1.3 update2 (RTK0EF0045Z0019AZJ-v1.3update2.zip)
38	✓	✓		RZ/G2L Group Board Support Package V1.3 update2 patch (v1.3-to-v1.3update2.patch)
39	✓	✓		RZ/G2L Group Board Support Package V1.3 update2 patch (v1.3-to-v1.3update2.patch.tar.gz)
40	✓	✓		RZ/G2L Group Board Support Package V1.3update1 (RTK0EF0045Z0019AZJ-v1.3update1.zip)
41	✓	✓		RZ/G2L Group Board Support Package V1.3update1 patch (v1.3-to-v1.3update1.patch.tar.gz)
42	✓	✓	✓	RZ/G2L Group Board Support Package V1.4 (RTK0EF0045Z0019AZJ-v1.4.zip)
43	✓	✓		RZ/G2L Security Package v1.0 for BSP v1.3update1
44	✓			Yocto recipe packages [BSP v1.0] (rzg2l_bsp_v1.0.tar.gz)
45	✓			Yocto recipe packages [BSP v1.1] (rzg2l_bsp_v1.1.tar.gz)
46	✓	✓		Yocto recipe packages [BSP v1.3] (rzg2l_bsp_v1.3.tar.gz)
47	✓	✓	✓	Yocto recipe packages [BSP v1.4] (rzg2l_bsp_v1.4.tar.gz)
48	✓	✓	✓	Yocto recipe packages [VLP v3.0.0] (rzg_bsp_v3.0.0.tar.gz)
49	✓			Yocto recipe packages for HTML5 [VLP v3.0.0] (rzg_bsp_gecko_v3.0.0.tar.gz)
50	✓			Yocto recipe packages for HTML5[VLP v3.0.0] (rzg_bsp_gecko_v1.1.tar.gz)