



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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EPBZ-IMB-22-0132-26  
「Link」の「L」にマウスを置いて下さい

## RZ/G2UL Easy Download Guide

| ステップ1 エン지니어向け情報 |                                  | Contents Type | Contents Name                                  | RZ/G2UL Link         | Note | Access levels  |
|-----------------|----------------------------------|---------------|------------------------------------------------|----------------------|------|----------------|
| 1-1             | RZ/G Series 32/64-bit MPU (Wiki) | Link summary  | Introduction,Boards,Software and Documentation | <a href="#">Link</a> | -    | Non limitation |
| 1-2             | Contact Support                  | QA Ticket     | Technical Q&A                                  | <a href="#">Link</a> | -    | Non limitation |

| ステップ2 製品紹介 |          | Contents Type | Contents Name                                                                | RZ/G2UL Link         | Note | Access levels  |
|------------|----------|---------------|------------------------------------------------------------------------------|----------------------|------|----------------|
| 2-1        | ハードウェア情報 | Document      | RZ/G2UL Data sheet                                                           | <a href="#">Link</a> | -    | Non limitation |
| 2-2        | 製品紹介     | Document      | RZ ファミリ カタログ                                                                 | <a href="#">Link</a> | -    | Non limitation |
|            |          | Document      | RZ/G2L, RZ/G2LC, RZ/G2UL パンフレット                                              | <a href="#">Link</a> | -    | Non limitation |
|            |          | Video         | Introduction to RZ/G2UL - An Entry-class MPU for Industrial HMI Applications | <a href="#">Link</a> | -    | Non limitation |
|            |          | Document      | RZ Family Product Part Number Guide                                          | <a href="#">Link</a> | -    | Non limitation |

| ステップ3 ボード、評価環境の立ち上げ |                                            | Contents Type | Contents Name                                                                   | RZ/G2UL Link         | Note   | Access levels                       |
|---------------------|--------------------------------------------|---------------|---------------------------------------------------------------------------------|----------------------|--------|-------------------------------------|
| 3-1                 | ユーザーズマニュアル                                 | Document      | User's Manual: Hardware                                                         | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Technical Update                                                                | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Additional document for User's Manual(SDHI)(Requires LoA)                       | <a href="#">Link</a> | LoA*1  | <a href="#">非社外製品/代理店へお問い合わせ下さい</a> |
| 3-2                 | ボードの立ち上げ方法                                 | Document      | SMARC Module Board User's Manual                                                | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | SMARC Carrier Board User's Manual                                               | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | RZ/G Series Performance Guide                                                   | <a href="#">Link</a> | -      | Non limitation                      |
| 3-3                 | ボード情報・入手方法                                 | Info/purchase | Evaluation Kit WEB Page                                                         | <a href="#">Link</a> | -      | Non limitation                      |
| 3-4                 | 評価環境立ち上げ方法<br>Verified Linux Package (VLP) | Document      | <a href="#">RZ/G Verified Linux Package V3.0.7 Release Note</a>                 | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | <a href="#">SMARC EVK of RZ/G2L, RZ/G2LC, RZ/G2UL Linux Start-up Guide</a>      | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | <a href="#">RZ/G2L Group and RZ/V2L Group BSP Manual Set</a>                    | <a href="#">Link</a> | EULA*2 | MyRenesas                           |
|                     |                                            | Document      | RZ/G Proprietary SW Package Handling                                            | <a href="#">Link</a> | -      | <a href="#">非社外製品/代理店へお問い合わせ下さい</a> |
| 3-5                 | 評価環境立ち上げ方法<br>Multi-OS Package             | Document      | <a href="#">Release Note for Multi-OS Package v2.3.0 (for RZ/G VLP v3.0.6)</a>  | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Getting Started with Flexible Software Package                                  | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Setting GPIO with Flexible Software Package                                     | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | FSP Documentation                                                               | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Release Note for Flexible Software Package                                      | <a href="#">Link</a> | -      | Non limitation                      |
| 3-6                 | RZセキュリティソリューション概要                          | Document      | RZセキュリティソリューション概要                                                               | <a href="#">Link</a> | -      | Non limitation                      |
| 3-7                 | 各種ソフトウェア入手方法                               | Software      | <a href="#">RZ/G2UL Pre-built Images (RZG2UL_VLP3.0.7_Pre-built_Images.zip)</a> | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Web Link      | RZ/G Verified Linux Package [5.10-CIP]                                          | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Web Link      | RZ/G2L and RZ/G2UL Group Multi-OS Package                                       | <a href="#">Link</a> | EULA*2 | MyRenesas                           |
|                     |                                            | Web Link      | Security Package                                                                | <a href="#">Link</a> | SLA*3  | Secure Access                       |
|                     |                                            | Web Link      | RZ MPU WebUI Package                                                            | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Software      | Ubuntu version 20.04.LTS (application note & script file)                       | <a href="#">Link</a> | -      |                                     |
| 3-8                 | 各種ツール入手方法                                  | Tool          | Smart Configurator                                                              | <a href="#">Link</a> | -      | Non limitation                      |
|                     |                                            | Document      | Smart Configurator for RZ User's Guide                                          | <a href="#">Link</a> | -      | Non limitation                      |

| ステップ4 カスタムボード開発 |                                    | Contents Type  | Contents Name                                                   | RZ/G2UL Link         | Note         | Access levels                       |
|-----------------|------------------------------------|----------------|-----------------------------------------------------------------|----------------------|--------------|-------------------------------------|
| 4-1             | カスタムボード設計・開発に必要なドキュメントとシミュレーションモデル | Document       | PCB Design and Verification Flow (for DDR-IF)                   | <a href="#">Link</a> | -            | <a href="#">非社外製品/代理店へお問い合わせ下さい</a> |
|                 |                                    | Document       | Board circuit design checklist                                  | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | PCB Design Guidelines for MIPI-CSI, MIPI-DSI and USB2.0         | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document,Tool  | PCB Design Guideline for DDR4/DDR3L, DDR Config Generation Tool | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document,Model | PCB verification guide for Core VDD, PDN model                  | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document,Model | PCB verification guide for DDR4/DDR3L                           | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Design Data    | SMARC Module Board Design Data(Schematics,Layout,BOM)           | <a href="#">Link</a> | Disclaimer*4 | MyRenesas                           |
|                 |                                    | Design Data    | Carrier Board Design Data(Schematics,Layout,BOM)                | <a href="#">Link</a> | Disclaimer*4 | MyRenesas                           |
|                 |                                    | Model          | IBIS                                                            | <a href="#">Link</a> | Disclaimer*4 | MyRenesas                           |
|                 |                                    | File           | BSDL                                                            | <a href="#">Link</a> | Disclaimer*4 | MyRenesas                           |
|                 |                                    | Document       | Guide to Using RGMII in Making an Ethernet-IF Connection        | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | RZ/G2UL Type-1, RZ/A3UL and RZ/Five Pin Compatibility Guide     | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | RZ/G2LC and RZ/G2UL Type-2 Pin Compatibility Guide              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Power Consumption Measurement                                   | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Reference power consumption guide                               | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Thermal Management Guideline                                    | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Mechanical Handling Guideline                                   | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Mount Conditions Reflow Soldering Conditions                    | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Mount Conditions Baking Conditions                              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Semiconductor Package Mount Manual                              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Lifetime Guideline                                              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Device Info    | Power Management IC                                             | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Device Info    | Clock Generator IC                                              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | R9A07G043UXXGBG Reliability Report                              | <a href="#">Link</a> | -            | Non limitation                      |
|                 |                                    | Document       | Power calculation sheet and guide                               | <a href="#">Link</a> | -            | <a href="#">非社外製品/代理店へお問い合わせ下さい</a> |
|                 |                                    | Document       | Low Power Guideline                                             | <a href="#">Link</a> | -            | <a href="#">非社外製品/代理店へお問い合わせ下さい</a> |

\*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 (1H2025)

#### 5.10-CIP

| Product | Librally Nick Name     | Version        | Package Name                                                                                                                                            |
|---------|------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| RZ/G2L  | Verified Linux Package | v3.0.6         | <a href="#">RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ)-v3.0.6.zip</a>                                                                       |
|         |                        | v3.0.6-update1 | <a href="#">RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ)-v3.0.6-update1.zip</a>                                                       |
|         |                        | v3.0.6-update2 | <a href="#">RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ)-v3.0.6-update2.zip</a>                                                       |
|         |                        | v3.0.6-update3 | <a href="#">RZ/G Verified Linux Package v3.0.6-update3(RTK0EF0045Z0021AZJ)-v3.0.6-update3.zip</a>                                                       |
|         | Graphics Lib.          | v1.2.2         | <a href="#">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</a> |
|         | Video Codec Lib.       | v1.2.1         | <a href="#">RZ MPU Video Codec Library v1.2.1 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ)-v1.2.1_XX.zip</a>          |
|         |                        | v1.2.2         | <a href="#">RZ MPU Video Codec Library v1.2.2 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ)-v1.2.2_rzg_XX.zip</a>      |
|         | Verified Linux Package | v3.0.5         | <a href="#">RZ/G Verified Linux Package v3.0.5 (RTK0EF0045Z0021AZJ)-v3.0.5.zip</a>                                                                      |
|         |                        | v3.0.5-update1 | <a href="#">RZ/G Verified Linux Package v3.0.5-update1(RTK0EF0045Z0021AZJ)-v3.0.5-update1.zip</a>                                                       |
|         |                        | v3.0.5-update3 | <a href="#">RZ/G Verified Linux Package v3.0.5-update3(RTK0EF0045Z0021AZJ)-v3.0.5-update3.zip</a>                                                       |
|         | Graphics Lib.          | v1.1.2         | <a href="#">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</a> |
|         | Video Codec Lib.       | v1.1.0         | <a href="#">RZ MPU Video Codec Library v1.1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ)-v1.1.0_XX.zip</a>          |
|         | Verified Linux Package | v3.0.3         | <a href="#">RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ)-v3.0.3.zip</a>                                                                      |
|         | Graphics Lib.          | v1.0.5         | <a href="#">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</a> |
|         | Video Codec Lib.       | v1.1.0         | <a href="#">RZ MPU Video Codec Library v1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ)-v1.0_rzg_XX.zip</a>          |
|         | Verified Linux Package | v3.0.1         | <a href="#">RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ)-v3.0.1.zip</a>                                                                      |
|         | Graphics Lib.          | v1.3           | <a href="#">RZ MPU Graphics Library V1.3 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ)-v1.3_XX.zip</a>     |
|         | Video Codec Lib.       | v1.0           | <a href="#">RZ MPU Video Codec Library v1.0 Unrestricted Version for Verified Linux Package of RZ/G2L (RTK0EF0045Z16001ZJ)-v1.0_rzg_XX.zip</a>          |
|         | Verified Linux Package | v3.0.0         | <a href="#">RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ)-v3.0.0.zip</a>                                                                      |
|         | Graphics Lib.          | v1.2           | <a href="#">RZ MPU Graphics Library V1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ)-v1.2_XX.zip</a>     |
|         | Video Codec Lib.       | v0.58          | <a href="#">RZ MPU Video Codec Library V0.58 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/V2L (RTK0EF0045Z16001ZJ)-v0.58_XX.zip</a> |

| Product | Librally Nick Name     | Version        | Package Name                                                                                                                                            |
|---------|------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| RZ/G2LC | Verified Linux Package | v3.0.6         | <a href="#">RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ)-v3.0.6.zip</a>                                                                       |
|         |                        | v3.0.6-update1 | <a href="#">RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ)-v3.0.6-update1.zip</a>                                                       |
|         |                        | v3.0.6-update2 | <a href="#">RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ)-v3.0.6-update2.zip</a>                                                       |
|         |                        | v3.0.6-update3 | <a href="#">RZ/G Verified Linux Package v3.0.6-update3(RTK0EF0045Z0021AZJ)-v3.0.6-update3.zip</a>                                                       |
|         | Graphics Lib.          | v1.2.2         | <a href="#">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</a> |
|         | Verified Linux Package | v3.0.5         | <a href="#">RZ/G Verified Linux Package v3.0.5 (RTK0EF0045Z0021AZJ)-v3.0.5.zip</a>                                                                      |
|         |                        | v3.0.5-update1 | <a href="#">RZ/G Verified Linux Package v3.0.5-update1(RTK0EF0045Z0021AZJ)-v3.0.5-update1.zip</a>                                                       |
|         |                        | v3.0.5-update3 | <a href="#">RZ/G Verified Linux Package v3.0.5-update3(RTK0EF0045Z0021AZJ)-v3.0.5-update3.zip</a>                                                       |
|         | Graphics Lib.          | v1.1.2         | <a href="#">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</a> |
|         | Verified Linux Package | v3.0.3         | <a href="#">RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ)-v3.0.3.zip</a>                                                                      |
|         | Graphics Lib.          | v1.0.5         | <a href="#">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</a> |
|         | Verified Linux Package | v3.0.1         | <a href="#">RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ)-v3.0.1.zip</a>                                                                      |
|         | Graphics Lib.          | v1.3           | <a href="#">RZ MPU Graphics Library V1.3 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ)-v1.3_XX.zip</a>     |
|         | Verified Linux Package | v3.0.0         | <a href="#">RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ)-v3.0.0.zip</a>                                                                      |
|         | Graphics Lib.          | v1.2           | <a href="#">RZ MPU Graphics Library V1.2 Unrestricted Version for Verified Linux Package of RZ/G2L and RZ/G2LC (RTK0EF0045Z14001ZJ)-v1.2_XX.zip</a>     |

| Product | Librally Nick Name     | Version        | Package Name                                                                                      |
|---------|------------------------|----------------|---------------------------------------------------------------------------------------------------|
| RZ/G2UL | Verified Linux Package | v3.0.6         | <a href="#">RZ/G Verified Linux Package v3.0.6(RTK0EF0045Z0021AZJ)-v3.0.6.zip</a>                 |
|         |                        | v3.0.6-update1 | <a href="#">RZ/G Verified Linux Package v3.0.6-update1(RTK0EF0045Z0021AZJ)-v3.0.6-update1.zip</a> |
|         |                        | v3.0.6-update2 | <a href="#">RZ/G Verified Linux Package v3.0.6-update2(RTK0EF0045Z0021AZJ)-v3.0.6-update2.zip</a> |
|         |                        | v3.0.6-update3 | <a href="#">RZ/G Verified Linux Package v3.0.6-update3(RTK0EF0045Z0021AZJ)-v3.0.6-update3.zip</a> |
|         | Verified Linux Package | v3.0.5         | <a href="#">RZ/G Verified Linux Package v3.0.5 (RTK0EF0045Z0021AZJ)-v3.0.5.zip</a>                |
|         |                        | v3.0.5-update1 | <a href="#">RZ/G Verified Linux Package v3.0.5-update1(RTK0EF0045Z0021AZJ)-v3.0.5-update1.zip</a> |
|         |                        | v3.0.5-update3 | <a href="#">RZ/G Verified Linux Package v3.0.5-update3(RTK0EF0045Z0021AZJ)-v3.0.5-update3.zip</a> |
|         | Verified Linux Package | v3.0.3         | <a href="#">RZ/G Verified Linux Package v3.0.3 (RTK0EF0045Z0021AZJ)-v3.0.3.zip</a>                |
|         | Verified Linux Package | v3.0.1         | <a href="#">RZ/G Verified Linux Package v3.0.1 (RTK0EF0045Z0021AZJ)-v3.0.1.zip</a>                |
|         | Verified Linux Package | v3.0.0         | <a href="#">RZ/G Verified Linux Package v3.0.0 (RTK0EF0045Z0021AZJ)-v3.0.0.zip</a>                |