



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。

Released: May, 2024  
EPBZ-IMB-22-0055-24  
「Link」のLJ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 |             | <a href="#">Link</a> | -    |
|      | Contact Support                  | QA Ticket     | Technical Q&A                                  |             | <a href="#">Link</a> | -    |

| 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                                                              |             | <a href="#">Link</a> | -    |
| 2    | パンフレット                                         | Document      | RZ/G2L, RZ/G2LC, RZ/G2UL パンフレット                                           |             | <a href="#">Link</a> | -    |
| 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ドリレーレベルの HMI を実現              |             | <a href="#">Link</a> | -    |
| 4    | User's Manual Overview                         | Document      | User's Manual Overview                                                    |             | <a href="#">Link</a> | -    |
| 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                           |             | <a href="#">Link</a> | -    |
| 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                                         |             | <a href="#">Link</a> |      |

| 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                                                  |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | Technical Update                                                         |                      | <a href="#">Link</a> | -      |
|      |                                      | 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                            | <a href="#">Link</a> | -                    | -      |
|      |                                      | Document      | SMARC Module Board User's Manual                                         | <a href="#">Link</a> | <a href="#">Link</a> | -      |
|      |                                      | Document      | SMARC Carrier Board User's Manual                                        |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | Evaluation Kit(EVK) Start Up Guide                                       |                      | <a href="#">Link</a> | -      |
| 3    | ボード情報・入手方法                           | Info/purchase | Evaluation Kit WEB Page                                                  | <a href="#">Link</a> | <a href="#">Link</a> | -      |
| 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(v3.0.6)                     |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | SMARC EVK of RZ/G2L, RZ/G2LC, RZ/G2UL Linux Start-up Guide               |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | HTML5(Gecko102.15_packages V2.1.0) Start-up Guide (for RZ/G VLPv3.0.5)   |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | RZ/G2L Group and RZ/V2L Group BSP Manual Set                             |                      | <a href="#">Link</a> | EULA*2 |
|      |                                      | Document      | RZ/G2L GStreamer User's Manual                                           | <a href="#">Link</a> | -                    | -      |
|      | 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 Multi-OS Package v2.0.2                                 |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | Getting Started with Flexible Software Package                           |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | Setting GPIO with Flexible Software Package                              |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | FSP Documentation                                                        |                      | <a href="#">Link</a> | -      |
|      |                                      | Document      | Release Note for Flexible Software Package                               |                      | <a href="#">Link</a> | -      |
| 5-1  | 各種ソフトウェア入手方法                         |               |                                                                          |                      |                      |        |
|      | RZ/G2L,LC Pre-built Images           | Software      | RZ/G2L,LC Pre-built Images (RZG2L,RZ/G2LC_VLP3.0.6_Pre-built_Images.zip) | <a href="#">Link</a> | <a href="#">Link</a> | SLA*3  |
|      | Verified Linux Package (VLP)         | Software      | RZ/G Verified Linux Package [5.10-CIP]                                   |                      | <a href="#">Link</a> | -      |
|      | Feature Package (Graphics Library)   | Software      | RZ MPU Graphics Library Evaluation Version                               |                      | <a href="#">Link</a> | SLA*3  |
|      | Feature Package (Codec Library)      | Software      | RZ MPU Video Codec Library Evaluation                                    | <a href="#">Link</a> | -                    | SLA*3  |
|      | Feature Package (HTML5 Package)      | Software      | RZ MPU HTML5 (Gecko) Package                                             | <a href="#">Link</a> | -                    | -      |
|      | Feature Package (Multi-OS Package)   | Software      | RZ/G2L and RZ/G2UL Group Multi-OS Package                                |                      | <a href="#">Link</a> | EULA*2 |
|      | Feature Package (Security Package)   | Software      | RZ MPU Security Package                                                  |                      | <a href="#">Link</a> | SLA*3  |
|      | Demo software                        | Software      | Camera Image Overlay Demos (Github)                                      | <a href="#">Link</a> | -                    | -      |
|      | Sample Code                          | Software      | RZ CRU Sample Code(Github)                                               | <a href="#">Link</a> | -                    | -      |
|      | Sample Code                          | Software      | RZ/G2L Gstreamer sample Code(GitHub)                                     | <a href="#">Link</a> |                      | -      |
|      | Web UI Package                       | Software      | RZ MPU WebUI Package                                                     |                      | <a href="#">Link</a> | -      |
| 6    | 各種ツール入手方法                            |               |                                                                          |                      |                      |        |
|      |                                      | Tool          | Smart Configurator                                                       |                      | <a href="#">Link</a> | -      |
| 7    | 各種ツール立ち上げ方法                          |               |                                                                          |                      |                      |        |
|      |                                      | Document      | Smart Configurator for RZ User's Guide                                   |                      | <a href="#">Link</a> | -      |

| 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 Design and Verification Flow (for DDR-IF)            | Document       | PCB Design 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                                  |                      | <a href="#">Link</a> | -            |
|      | 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         |                      | <a href="#">Link</a> | -            |
|      | DDRメモリーのPCB設計ガイド, DDR Config Generation Tool             | Document,Tool  | PCB Design Guideline for DDR4/DDR3L, DDR Config Generation Tool |                      | <a href="#">Link</a> | -            |
|      | コア電源のPCB検証ガイド                                            | Document       | PCB verification guide for Core VDD                             |                      | <a href="#">Link</a> | -            |
|      | DDRメモリーのPCB検証ガイド                                         | Document,Model | PCB verification guide for DDR4/DDR3L                           | <a href="#">Link</a> | <a href="#">Link</a> | -            |
|      | ボードの参照用設計データ(SMARC Module)                               | Design Data    | SMARC Module Board Design Data(Schematics,Layout,BOM)           | <a href="#">Link</a> | <a href="#">Link</a> | 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)                |                      | <a href="#">Link</a> | Disclaimer*4 |
|      | IBISモデル(LSI用)                                            | Model          | IBIS                                                            | <a href="#">Link</a> | <a href="#">Link</a> | Disclaimer*4 |
|      | Boundary Scan Description Language file                  | File           | BSDL                                                            |                      | <a href="#">Link</a> | Disclaimer*4 |
|      | 電源供給ネットワークファイル                                           | Model          | PDN                                                             |                      | <a href="#">Link</a> | Disclaimer*4 |
|      | Guide to Using RGMII in Making an Ethernet-IF Connection | Document       | Guide to Using RGMII in Making an Ethernet-IF Connection        |                      | <a href="#">Link</a> | -            |
|      | 消費電力測定結果情報                                               | Document       | Power Consumption Measurement                                   | <a href="#">Link</a> | -                    | -            |
|      | 参照用消費電力情報                                                | Document       | Reference power consumption guide                               | <a href="#">Link</a> | <a href="#">Link</a> | -            |
|      | 熱管理ガイド                                                   | Document       | Thermal Management Guideline                                    | <a href="#">Link</a> | <a href="#">Link</a> | -            |
|      | メカニカルハンドリングガイド                                           | Document       | Mechanical Handling Guideline                                   |                      | <a href="#">Link</a> | -            |
|      | リフローソルダーリング条件                                            | Document       | Mount Conditions Reflow Soldering Conditions                    |                      | <a href="#">Link</a> | -            |
|      | バーク条件                                                    | Document       | Mount Conditions Baking Conditions                              |                      | <a href="#">Link</a> | -            |
|      | 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                                                 |                      | <a href="#">Link</a> | -            |
|      | ライフタイム見積ガイド                                              | Document       | Lifetime Guideline                                              |                      | <a href="#">Link</a> | -            |
|      | Power Management IC installed in EVK                     | Device Info    | Power Management IC                                             |                      | <a href="#">Link</a> | -            |
|      | Clock Generator IC installed in EVK                      | Device Info    | Clock Generator IC                                              |                      | <a href="#">Link</a> | -            |
|      | RZ/G2L,RZ/G2LC Reliability Report                        | Document       | R9A07G044XXGBG Reliability Report                               | <a href="#">Link</a> | <a href="#">Link</a> | -            |
|      | Power calculation sheet and guide                        | Document       | Power calculation 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 Liscence Agreement

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