



RZ/G2H,M,N,E Easy Download Guide

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

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Mouseover "L" in "Link"

| Step | Information for engineers | Contents Type | Contents Name | RZ/G2H Link | RZ/G2M Link | RZ/G2N Link | RZ/G2E Link | Note | Access levels |
|------|----------------------------------|---------------|---|----------------|----------------------|----------------|----------------|------|----------------|
| - | RZ/G Series 32/64-bit MPU (Wiki) | Link summary | Introduction,Boards,Software and Documentation (English Only) | | Link | | | - | Non limitation |
| - | Contact Support | QA Ticket | Technical Q&A | | Link | | | - | Non limitation |

| Step | Introduction | Contents Type | Contents Name | RZ/G2H Link | RZ/G2M Link | RZ/G2N Link | RZ/G2E Link | Note | Access levels |
|------|--------------------|---------------|--|----------------|----------------------|----------------|----------------------|------|----------------|
| 1 | RZ Family Brochure | Document | RZ Family Microprocessors | | Link | | | - | Non limitation |
| 2 | Fleyer | Document | RZ/G2 64-BIT MPUs with VERIFIED LINUX PACKAGE | | Link | | | - | Non limitation |
| 3 | White Paper | Document | Partner Board Solutions Allow Immediate Access to Improved HMI Through High Performance 64-Bit MPU (RZ/G2) | | Link | | | - | Non limitation |
| 4 | Blog | Blog | Blog | | Link | | Link | - | Non limitation |

| Step | Launch of board and evaluation environment | Contents Type | Contents Name | RZ/G2H Link | RZ/G2M Link | RZ/G2N Link | RZ/G2E Link | Note | Access levels |
|----------|---|------------------------------|--|---|----------------------------|----------------------------|----------------------------|---------------|---|
| 1 | User's Manual | Document | User's Manual: Hardware | | Link | | | - | Non limitation |
| | | Document | Technical Update | Link | Link | Link | Link | - | Non limitation |
| | | Document | Additional document for User's Manual(Realtime Core: Cortex-R7) | | | Please contact Distl/Sales | | - | Please contact Distl/Sales |
| | | Document | Additional document for User's Manual(SDHI) | | | Please contact Distl/Sales | | CSD*1 and NDA | Please contact Distl/Sales |
| 2 | How to start up the board | Document | Reference Board User's Manual | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| | | Document | Reference Board Start Up Guide | | Link | | | - | Non limitation |
| 3 | Board information / how to get | Info/purchase | Reference Board WEB Page | Link | Link | Link | Link | - | Non limitation |
| 4 | Evaluation environment start-up method | Verified Linux Package (VLP) | Document | RZ/G Verified Linux Package V3.0.6-update2 Release Note | | Link | | - | Non limitation |
| | | | Document | Reference Boards of RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E Linux Start-up Guide | | Link | | - | Non limitation |
| | | Document | HTML5(Gecko102.15_packages V2.1.0) Start-up Guide (for RZ/G Verified Linux Package V3.0.5) | | Link | | | - | Non limitation |
| | | Document | RZ/G2 Group BSP Manual Set | | Link | | | EULA*2 | MyRenesas |
| | | Document | RZ/G2 Group Linux BSP Porting Guide | | Link | | | - | Non limitation |
| | | Document | RZ/G2 User's Manual Additional document for Security | | Link | | | SLA*3 | MyRenesas |
| | | | RZ/G2 Secure IP Driver API Specification | | Link | | | - | Non limitation |
| | | | RZ/G2 Trusted Execution Environment Start-Up Guide | | Link | | | - | Non limitation |
| Document | RZ/G2 Trusted Execution Environment Porting Guide | | Link | | | - | Non limitation | | |
| Document | RZ/G Proprietary SW Package Handring | | Link | | | - | Please contact Distl/Sales | | |
| 5 | How to get various software | Verified Linux Package (VLP) | Software | RZ/G Verified Linux Package [5.10-CIP版] | | Link | | - | Non limitation |
| | | | Software | Multimedia Package for RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E [5.10-CIP版] | | Link | | SLA*3 | Evaluation: MyRenesas Unrestricted: Secure Access |
| | | Software | RZ/G2 Security Package | | Link | | | SLA*3 | Secure Access |
| | | Software | Application Framework(HTML5/Gecko) | | Link | | | - | Non limitation |
| | | 6 | How to get various tools | Tool | (Linux kernel5.10) | | Link | | |
| Tool | Smart Configurator | | | | Link | | | - | Non limitation |
| 7 | How to launch various tools | Document | Smart Configurator for RZ User's Guide | | Link | | | - | Non limitation |

| Step | Custom board development | Contents Type | Contents Name | RZ/G2H Link | RZ/G2M Link | RZ/G2N Link | RZ/G2E Link | Note | Access levels |
|------|--|---------------|--|----------------|----------------------------|----------------|----------------|--------------|--------------------------------|
| - | PCB design checklist when designing a custom board | Document | Check List for PCB Design(Requires NDA) | | Please contact Distl/Sales | | | NDA | Please contact Distl/Sales |
| - | PCB Design Guide for DDR memory | Document | PCB Design Guide for DDR memory | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | PCB Verification Guide for DDR memory | Document | PCB Verification Guide for DDR memory ("IBIS" and "PKG model of DDR-IF" are required for simulation) | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | IBIS model for LSI | Model | IBIS | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Package model of DDR-IF | Model | PKG_model_of_DDR-IF | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | PCB Verification Guide for Core | Document | PCB Verification Guide for Core ("PDN model" is required for simulation) | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Power Delivery Network model | Model | PDN model | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | PCB Design Guide for High Speed Serial Interfaces | Document | PCB Design Guide for Serial Interface (including the HDMI PCB Design Guide) | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Reference Desing Data(Schamtics,Layout,BOM) | Design Data | Reference Desing Data(Schamtics,Layout,BOM) | | Please contact Distl/Sales | | | Disclaimer*4 | Please contact Distl/Sales |
| - | Boundary Scan Description Language file | File | BSDL | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Mecanical Handling Guideline | Document | Mechanical Handling Guideline | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Thermal Management Guide | Document | Thermal Management Guide | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Reference Power consumption | Document | Reference Power consumption | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Pin compatibility Guide | Document | RZ/G2H, RZ/G2M AND RZ/G2N COMPATIBILITY GUIDE | | Please contact Distl/Sales | | | - | Please contact Distl/Sales |
| - | Guide to Using RGMII | Document | Guide to Using RGMII In Making an EthernetAVB-1F Connection(Requires NDA) | | Please contact Distl/Sales | | | - | NDA Please contact Distl/Sales |
| - | Guide to Implementing the VSPD and DU | Document | Guide to Implementing the VSPD and DU(Requires NDA) | | Please contact Distl/Sales | | | NDA | Please contact Distl/Sales |

*1:CSD: Confirmation re: SD Card Host Interface
*2:EULA: End User Liscense Agreement
*3:SLA: Software Liscense Agreement
*4:Disclaimer:Disclaimer Letter
*5:HDMI Disclaimer: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/G2H,M,N,E Software contents Archive List] Jan. 2023

| # | G2H | G2M | G2M | G2E | File Name | | Download Link | |
|----|-----|-----|-----|-----|--|--|---------------|--|
| 1 | ✓ | ✓ | ✓ | ✓ | HTML5 (Gecko102) packages V2.0.0 for RZ/G Verified Linux Package V3.0.1 (RTK0EF0045240001Z1-v2.0.0.zip) | Software & Tools - Software | 27-Dec-22 | HTML5 (Gecko102) packages V2.0.0 for RZ/G Verified Linux Package V3.0.1 (RTK0EF0045240001Z1-v2.0.0.zip) |
| 2 | ✓ | ✓ | ✓ | ✓ | Open source packages for HTML5 (oss_pkg_gecko102_v2.0.0.7z) | Software & Tools - Software | 27-Dec-22 | Open source packages for HTML5 (oss_pkg_gecko102_v2.0.0.7z) |
| 3 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.14 (RTK0EF004520011AZ1-v1.0.14.zip) | Software & Tools - Evaluation Software | 30-Nov-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.14 (RTK0EF004520011AZ1-v1.0.14.zip) |
| 4 | ✓ | ✓ | ✓ | ✓ | Open source packages (oss_pkg_rzg_v3.0.1.7z) | | 30-Sep-22 | Open source packages (oss_pkg_rzg_v3.0.1.7z) |
| 5 | ✓ | ✓ | ✓ | ✓ | Open source packages (oss_pkg_v3.0.0.7z) | Software & Tools - Software | 31-Mar-22 | Open source packages (oss_pkg_v3.0.0.7z) |
| 6 | ✓ | ✓ | ✓ | ✓ | Release note for RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT | Software & Tools - Other | 26-Feb-21 | Release note for RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT |
| 7 | ✓ | ✓ | ✓ | ✓ | RZ MPU Multimedia Package Evaluation Version V1.0 for Verified Linux Package of RZ/G | Software & Tools - Software | 31-Mar-22 | RZ MPU Multimedia Package Evaluation Version V1.0 for Verified Linux Package of RZ/G2H, RZ/G2M, RZ/G2N, and RZ/G2E |
| 8 | ✓ | ✓ | ✓ | ✓ | RZ/G Multimedia Package (Evaluation Version) | Software & Tools - Evaluation Software | 27-Nov-19 | RZ/G Multimedia Package (Evaluation Version) |
| 9 | ✓ | ✓ | ✓ | ✓ | RZ/G Multimedia Package for 64bit kernel (Evaluation Version) | Software & Tools - Evaluation Software | 29-Jun-20 | RZ/G Multimedia Package for 64bit kernel (Evaluation Version) |
| 10 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package [4.4-CIP] v2.1.3 Evaluation Version | Software & Tools - Evaluation Software | 30-Sep-19 | RZ/G Verified Linux Package [4.4-CIP] v2.1.3 Evaluation Version |
| 11 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package [4.4-CIP] v2.1.7 Evaluation Version | Software & Tools - Evaluation Software | 30-Sep-20 | RZ/G Verified Linux Package [4.4-CIP] v2.1.7 Evaluation Version |
| 12 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package [4.4-CIP-RT] v2.1.6-RT Evaluation Version | Software & Tools - Evaluation Software | 29-Jun-20 | RZ/G Verified Linux Package [4.4-CIP-RT] v2.1.6-RT Evaluation Version |
| 13 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.2 | Software & Tools - Evaluation Software | 28-Oct-19 | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.2 |
| 14 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.4 | Software & Tools - Evaluation Software | 29-Jun-20 | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP] v1.0.4 |
| 15 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.3-RT | Software & Tools - Evaluation Software | 29-Jan-20 | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.3-RT |
| 16 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.5-RT | Software & Tools - Evaluation Software | 31-Aug-20 | RZ/G Verified Linux Package for 64bit kernel [4.19-CIP-RT] v1.0.5-RT |
| 17 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.10 (RTK0EF004520011AZ1-v1.0.10.zip) | Software & Tools - Evaluation Software | 30-Nov-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.10 (RTK0EF004520011AZ1-v1.0.10.zip) |
| 18 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 (RTK0EF004520011AZ1-v1.0.10update1.zip) | Software & Tools - Evaluation Software | 10-Dec-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 (RTK0EF004520011AZ1-v1.0.10update1.zip) |
| 19 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 patch(v1010-to-v1010update1_patch.tar.gz) | Software & Tools - Evaluation Software | 10-Dec-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.10 update1 patch(v1010-to-v1010update1_patch.tar.gz) |
| 20 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.11-RT (RTK0EF004520011AZ1-v1.0.11rt.zip) | Software & Tools - Evaluation Software | 28-Feb-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.11-RT (RTK0EF004520011AZ1-v1.0.11rt.zip) |
| 21 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.12 (RTK0EF004520011AZ1-v1.0.12.zip) | Software & Tools - Evaluation Software | 31-May-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.12 (RTK0EF004520011AZ1-v1.0.12.zip) |
| 22 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.13-RT (RTK0EF004520011AZ1-v1.0.13rt.zip) | Software & Tools - Evaluation Software | 31-Aug-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.13-RT (RTK0EF004520011AZ1-v1.0.13rt.zip) |
| 23 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT Release Note for HTML5 | Software & Tools - Other | 26-Feb-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.7-RT Release Note for HTML5 |
| 24 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.8 (RTK0EF004520011AZ1-v1.0.8.zip) | Software & Tools - Evaluation Software | 11-Jun-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.8 (RTK0EF004520011AZ1-v1.0.8.zip) |
| 25 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT (RTK0EF004520011AZ1-v1.0.9rt.zip) | Software & Tools - Evaluation Software | 31-Aug-21 | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT (RTK0EF004520011AZ1-v1.0.9rt.zip) |
| 26 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 (RTK0EF004520011AZ1-v1.0.9rtupdate1.zip) | Software & Tools - Evaluation Software | 12-Jan-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 (RTK0EF004520011AZ1-v1.0.9rtupdate1.zip) |
| 27 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 patch(v109rt-to-v109rtupdate1_patch.tar.gz) | Software & Tools - Evaluation Software | 12-Jan-22 | RZ/G Verified Linux Package for 64bit kernel V1.0.9-RT update1 patch(v109rt-to-v109rtupdate1_patch.tar.gz) |
| 28 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package V3.0.0 (RTK0EF004520021AZ1-v3.0.0.zip) | Software & Tools - Software | 31-Mar-22 | RZ/G Verified Linux Package V3.0.0 (RTK0EF004520021AZ1-v3.0.0.zip) |
| 29 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package V3.0.0-update1 (RTK0EF004520021AZ1-v3.0.0-update1.zip) | Software & Tools - Software | 20-Jul-22 | RZ/G Verified Linux Package V3.0.0-update1 (RTK0EF004520021AZ1-v3.0.0-update1.zip) |
| 30 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package V3.0.0-update2 (RTK0EF004520021AZ1-v3.0.0-update2.zip) | Software & Tools - Software | 9-Aug-22 | RZ/G Verified Linux Package V3.0.0-update2 (RTK0EF004520021AZ1-v3.0.0-update2.zip) |
| 31 | ✓ | ✓ | ✓ | ✓ | RZ/G Verified Linux Package v3.0.1 (RTK0EF004520021AZ1-v3.0.1.zip) | | 30-Sep-22 | RZ/G Verified Linux Package v3.0.1 (RTK0EF004520021AZ1-v3.0.1.zip) |
| 32 | ✓ | ✓ | ✓ | ✓ | Yocto recipe packages (VLP64 v1.0.6) | Software & Tools - Evaluation Software | 30-Nov-20 | Yocto recipe packages (VLP64 v1.0.6) |
| 33 | ✓ | ✓ | ✓ | ✓ | Yocto recipe packages [VLP v3.0.0] (rzg_bsp_v3.0.0.tar.gz) | Software & Tools - Software | 31-Mar-22 | Yocto recipe packages [VLP v3.0.0] (rzg_bsp_v3.0.0.tar.gz) |
| 34 | ✓ | ✓ | ✓ | ✓ | Yocto recipe packages [VLP v3.0.1] (rzg_bsp_v3.0.1.tar.gz) | | 30-Sep-22 | Yocto recipe packages [VLP v3.0.1] (rzg_bsp_v3.0.1.tar.gz) |
| 35 | ✓ | ✓ | ✓ | ✓ | Yocto recipe packages [VLP64 v1.0.7-RT] (rzg2_bsp_eva_v107rt.tar.gz) | Software & Tools - Evaluation Software | 26-Feb-21 | Yocto recipe packages [VLP64 v1.0.7-RT] (rzg2_bsp_eva_v107rt.tar.gz) |
| 36 | ✓ | ✓ | ✓ | ✓ | HTML5 (Gecko) packages V1.1 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045240001Z1_v1.1.zip) | | 30-Sep-22 | HTML5 (Gecko) packages V1.1 for RZ/G Verified Linux Package V3.0.0 (RTK0EF0045240001Z1_v1.1.zip) |
| 37 | ✓ | ✓ | ✓ | ✓ | Open source packages for HTML5 (oss_pkg_gecko_v1.1.7z) | | 30-Sep-22 | Open source packages for HTML5 (oss_pkg_gecko_v1.1.7z) |
| 38 | ✓ | ✓ | ✓ | ✓ | Yocto recipe packages for HTML5[VLP v3.0.0] (rzg_bsp_gecko_v1.1.tar.gz) | | 30-Sep-22 | Yocto recipe packages for HTML5[VLP v3.0.0] (rzg_bsp_gecko_v1.1.tar.gz) |