

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

| Step | Information for engineers        | Contents Type | Contents Name   | RZ/G2H | RZ/G2M | RZ/G2N               | RZ/G2E | Note |
|------|----------------------------------|---------------|---|--------|--------|----------------------|--------|------|
|      |                                  |               |   | Link   | Link   | Link                 | Link   |      |
| -    | RZ/G Series 32/64-bit MPU (Wiki) | Link summary  | Introduction,Boards,Software and Documentation (English Only) |        |        | <a href="#">Link</a> |        | -    |
| -    | Conract Support                  | QA Ticket     | Technical Q&A   |        |        | <a href="#">Link</a> |        | -    |

| Step | Introduction                      | Contents Type | Contents Name  | RZ/G2H | RZ/G2M               | RZ/G2N               | RZ/G2E               | Note |
|------|-----------------------------------|---------------|--|--------|----------------------|----------------------|----------------------|------|
|      |                                   |               |  | Link   | Link                 | Link                 | Link                 |      |
| 1    | RZ Family Brochure                | Document      | RZ Family Microprocessors  |        |                      | <a href="#">Link</a> |                      |      |
| 2    | Flyer                             | Document      | RZ/G2 64-BIT MPUs with VERIFIED LINUX PACKAGE  |        |                      | <a href="#">Link</a> |                      |      |
| 3    | White Paper                       | Document      | Partner Board Solutions Allow Immediate Access to Improved HMI Through High Performance 64-Bit MPU (RZ/G2) |        |                      | <a href="#">Link</a> |                      |      |
| 4    | Blog                              | Blog          | Blog   |        | <a href="#">Link</a> |                      | <a href="#">Link</a> |      |
| 5    | RZ/G IEC 62443-4-2 READY Solution | WEB Page      | RZ/G IEC 62443-4-2 READY Solution  |        | <a href="#">Link</a> |                      |                      |      |

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

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

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