RZ/T2H XDP Package **Version 1.0.0**
Release Note

R01US0724EJ0100
Rev. 1.00
Nov. 26, 2024

Introduction

This release note describes the contents and important points of the RZ/T2H XDP Package.

Please also refer to the following documents that describe the Board Support Package (hereinafter referred to as "BSP") and the instruction to build BSP and boot the evaluation boards.

- r01us0681ej0xxx-rz-t(Release_Note_RZT2H).pdf
- r01us0682ej0xxx-rz-t(Linux_Start-up_Guide_RZ/T2H).pdf
  "xxx" is replaced with the revision of the documents.

Contents

1. Release Items

- **Name and version**
  RZ/T2H XDP Package Version 1.0.0

- **Target board**
  RZ/T2H Evaluation Board

- **Functions**
  XDP (eXpress Data Path)

- **File contents**
  BSP is delivered by the files listed in the Table 1.

Table 1. RZ/T2H XDP Package

RZ/T2H XDP Package v1.0.0

File	Description
RTK0EF0177Z02000ZJ-v1.0.0.zip (*)	XDP Package. This file includes the Yocto recipe and the necessary document.
meta-rz-dpdk_v1.0.0.tar.gz	Yocto recipe to build the test tool of XDP.
r01us0724ej0100-rz-t (XDP_Package_Release_Note).pdf	This document.
r11an0831ej0100-rz-t(XDP_AppNote).pdf	This file describes how to use XDP.

Basic Packages of BSPv1.0.0

File	Description
RTK0EF0177Z00002ZJ-v1.0.0.zip (*)	Board Support Package. This file includes the **Yocto recipe packages** and the necessary documents.
rzt2h_bsp_v1.0.0.tar.gz	**Yocto recipe packages**
- HDR NM - Flash_Programmer_SCIF_CR52_RZT2H_EVK.mot	Flash Programmer. These are used for writing the bootloaders the evaluation board.
r01us0681ej0100-rz-t(Release_Note_RZT2H).pdf	BSP release note.
R01us0682ej0100-rz-t(Linux_Start-up_Guide_RZ/T2H).pdf	Documents describing booting method and the required settings of bootloader for RZ/T2H.

(*)   These packages are provided "AS IS" with no warranty and the license which is described in the source code. Please check the contents of the license, then consider the applicability to the product carefully.

2. Components

The components which are commonly used in this release are listed in Table 2. Please also refer to the manifest file for details. The manifest file is created to following path after building the images:

Example:

`$WORK/build/tmp/deploy/images/rzt2h-dev/core-image-minimal-rzt2h-dev.manifest`

Table 2. Versions of commonly used components

Components	BSP v1.0.0
Linux kernel	5.10.145-cip17
GCC	8.3.0 (Arm GCC 8.3-2019.03)
busybox	1.30.1
openssl	1.1.1n
Qt (LGPL version)	5.6.3
Docker	19.03.8-ce

3. Restrictions

None.

4. Notes

None.

5. Revision History

Rev.	Date	Description		
		Page	Summary	
1.00	Nov. 26, 2024	-	First edition issued.	

Website and Support

Renesas Electronics Website
  http://www.renesas.com/

Inquiries
  http://www.renesas.com/contact/

All trademarks and registered trademarks are the property of their respective owners.