R-Car Market Place Overview

Jun 2021

BIG IDEAS FOR EVERY SPACE

RENESAS

OVERVIEW OF MARKET PLACE

BIG IDEAS FOR EVERY SPACE **RENESAS**

MARKETPLACE CONTRIBUTION FOR CUSTOMER DEVELOPMENT

Customer requirement

Need to get appropriate contents quickly…

- How to access to document store quickly ?
- How to get technical solution quickly ?
- How to get evaluation software quickly ?

Market Place is opened

Easy to find !

Find rich contents of evaluation SW, hardware manual, technical info. by Market Place web system

Easy to access !

Quick download for rich contents from Market Place by registration users. (NDA contract customer and plan for NDA)

Easy to Evaluate !

Quick download for evaluation SW including Proactive Partner solution by Market Place web system

BIG IDEAS FOR EVERY SPACE **RENESAS**

WHAT CAN DO AT MARKET PLACE

- R-Car technical information and SW can be downloaded from Market Place
  * Account registration is required.

  – Software: Linux® BSP, Android™ BSP *Click-through license

  – Document: Device manual, Technical update, Board manual

  – Learning content: Application note＋Video

- Get a reference design of the R-Car Consortium Proactive Partners

  – Introducing how to download or obtain partner solutions that have been evaluated on R-Car.

- Solve questions and issues in the Engineering Community

  – Self-solving by FAQ and problem solving in the community where R-Car Developer discuss mutually

BIG IDEAS FOR EVERY SPACE **RENESAS**

RICH CONTENT IS AVAILABLE ON MARKET PLACE

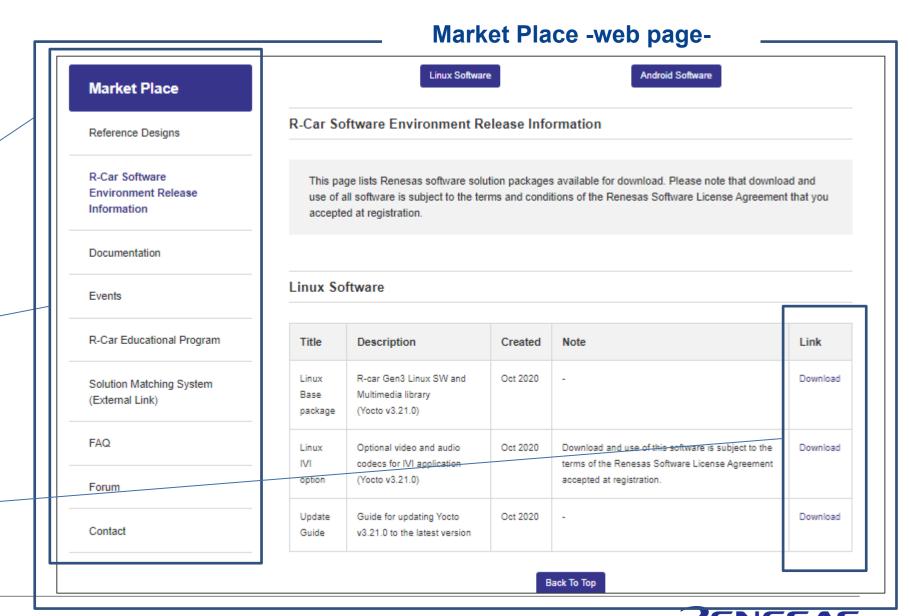**Market Place -web page-**

Easy to find

Present categorized technical information such as evaluation software and hardware manuals.

Easy to access

Enable to access rich content(NDA) only by user registration.

Easy to Evaluate

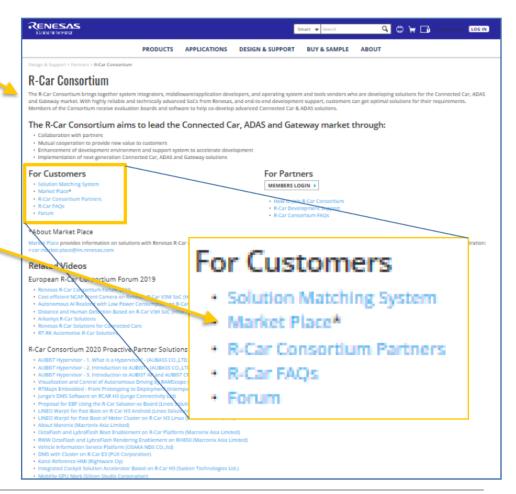Web-based click-through contract
Quick download for evaluation SW

Market Place

- Reference Designs
- R-Car Software Environment Release Information
- Documentation
- Events
- R-Car Educational Program
- Solution Matching System (External Link)
- FAQ
- Forum
- Contact

Linux Software   Android Software

R-Car Software Environment Release Information

This page lists Renesas software solution packages available for download. Please note that download and use of all software is subject to the terms and conditions of the Renesas Software License Agreement that you accepted at registration.

Linux Software

Title	Description	Created	Note	Link
Linux Base package	R-car Gen3 Linux SW and Multimedia library (Yocto v3.21.0)	Oct 2020	-	Download
Linux IVI option	Optional video and audio codecs for IVI application (Yocto v3.21.0)	Oct 2020	Download and use of this software is subject to the terms of the Renesas Software License Agreement accepted at registration.	Download
Update Guide	Guide for updating Yocto v3.21.0 to the latest version	Oct 2020	-	Download

Back To Top

BIG IDEAS FOR EVERY SPACE

RENESAS

DETAIL INTRODUCTION

BIG IDEAS FOR EVERY SPACE

1.HOW TO REGISTER AND LOG IN(1)

- Access to R-Car consortium homepage

  - https://www.renesas.com/br/en/support/partners/r-car-consortium

  - The page on the right is displayed.

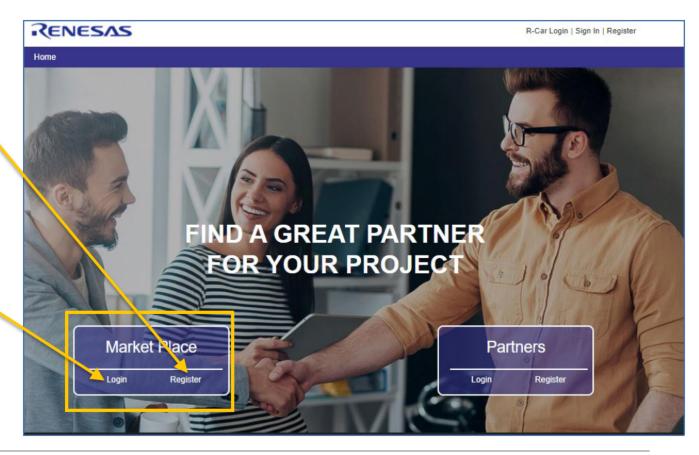- Click "Market Place"

  - Move to registration and log in page

BIG IDEAS FOR EVERY SPACE

1.HOW TO REGISTER AND LOG IN(2)

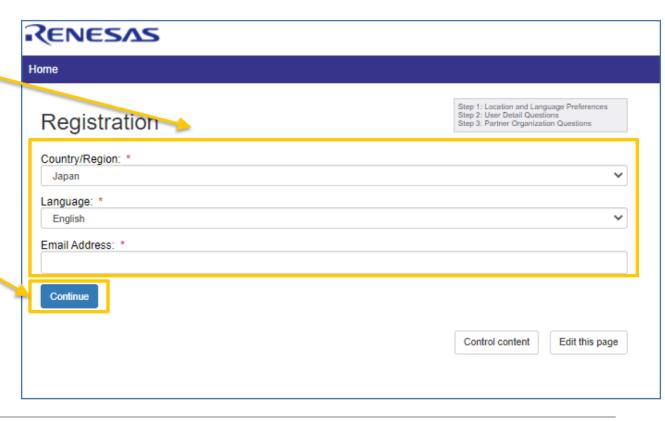- There are two box which are Market Place and Partners, please use Market Place box.

- For registration:
    - Click "Register" in Market Place box
    - Move to registration flow.

- For log in:
    - Click "Login" in Market Place box
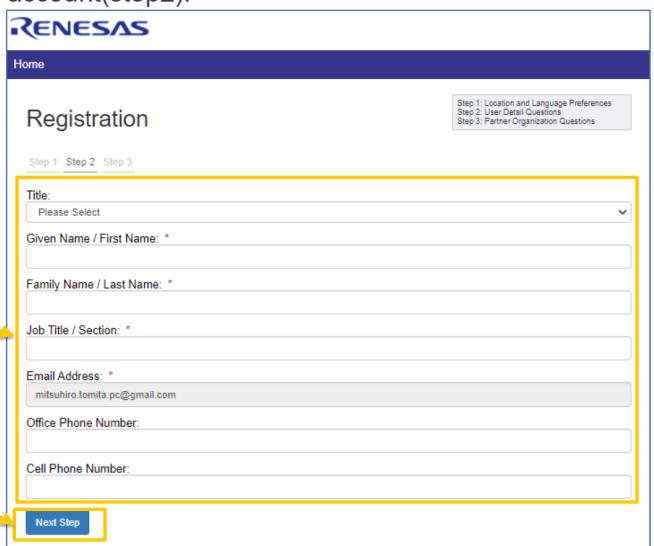   - Move to log in flow.

BIG IDEAS FOR EVERY SPACE

1-1.REGISTRATION FLOW(STEP1)

- This is the application screen for creating new account(step1).

- Please fill in the following information.

  - Country/Region(*)

  - Language(*)

  - Email Address(*)
    *Please use your company email address.
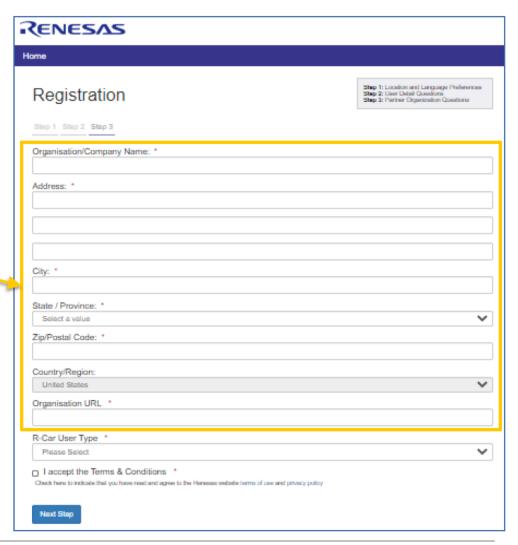
- For next step, click "Continue" button

Renesas Registration Screen

RENESAS

Home

Step 1: Location and Language Preferences
Step 2: User Detail Questions
Step 3: Partner Organization Questions

Registration

Country/Region: *

Japan

Language: *

English

Email Address: *

Continue

Control content   Edit this page

BIG IDEAS FOR EVERY SPACE **RENESAS**

1-1.REGISTRATION FLOW(STEP2)

- This is the application screen for creating new account(step2).

- Please fill in the following information.

  – Title

  – Given Name / First Name(*)

  – Family Name / Last Name(*)

  – Job Title / Section(*)

  – Office Phone number
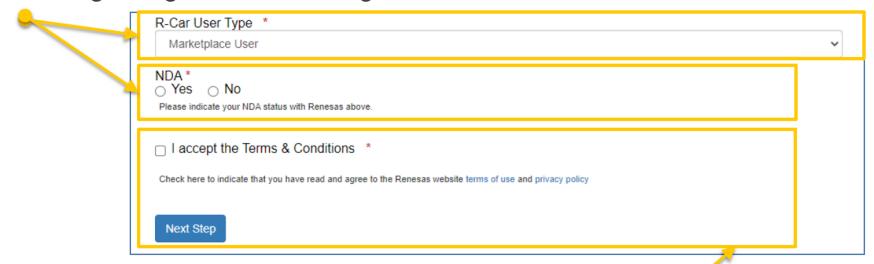
  – Cell Phone number

  – Please click "Next Step"

1-1.REGISTRATION FLOW(STEP3)

▪ This is the application screen for creating new account(step3).

- – Please fill in the following information.

- – Company Name(*)

- – Address(*)

- – City(*)

- – State/Province(*)

- – Zip/Postal Code(*)

- – Organization URL(*)

BIG IDEAS FOR EVERY SPACE
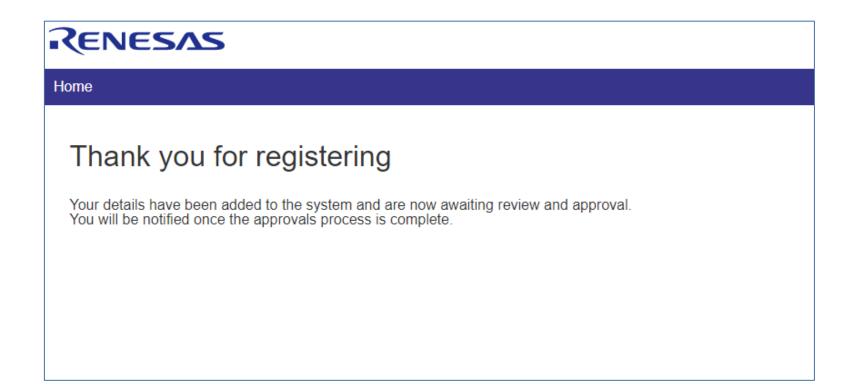
1-1.REGISTRATION FLOW(STEP3) -CONT.

- In Select R-Car User Type, if select Marketplace User(*), the check box will appear for confirming the NDA conclusion status and agreeing to a click-through license.

R-Car User Type *

Marketplace User

NDA *
○ Yes   ○ No

Please indicate your NDA status with Renesas above.

☐ I accept the Terms & Conditions *

Check here to indicate that you have read and agree to the Renesas website terms of use and privacy policy

Next Step

- Please check "Yes" or "No" according NDA conclusion status of company.(*)

- If there is no valid contract, select "No" to apply.
  Renesas will confirm the status after received the application.

- If you can accept the Terms & Conditions(*), please click "Next Step"
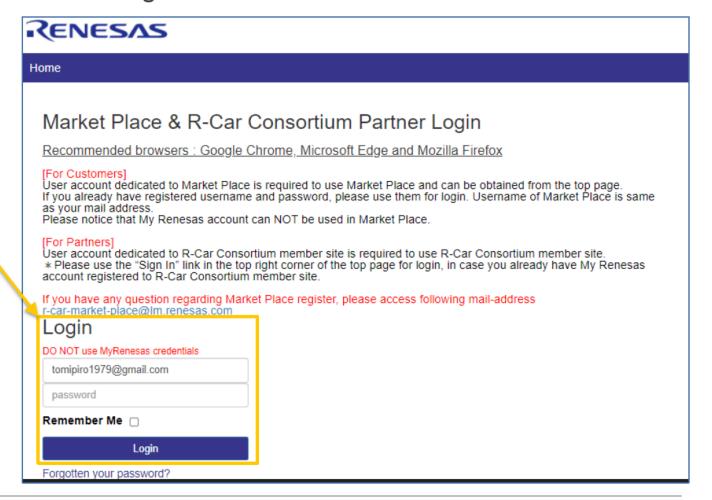
BIG IDEAS FOR EVERY SPACE

1-1.REGISTRATION FLOW(COMPLETED)

- Your registration complete In addition, the following screen will be displayed.
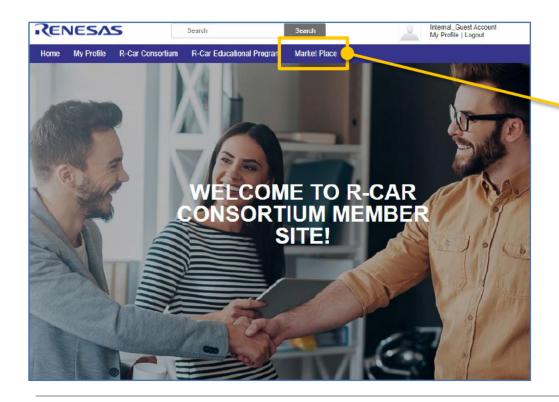
BIG IDEAS FOR EVERY SPACE
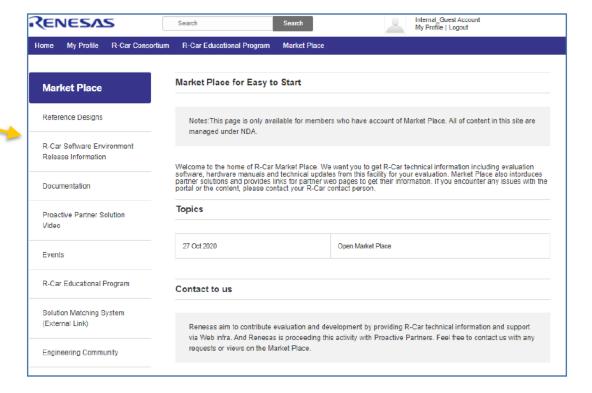
1-2.LOG IN FLOW

- If you click "Login" in Market Place box, move to this page

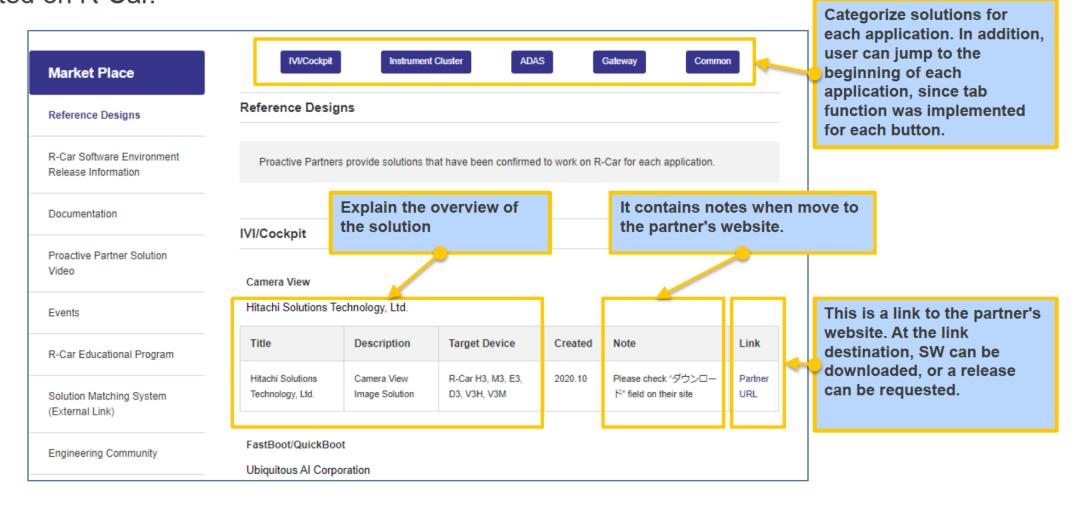- Please fill in your account information, then click "Login" button.

1-2.LOG IN FLOW -CONT.

- After logging in, the page on the left will be displayed.

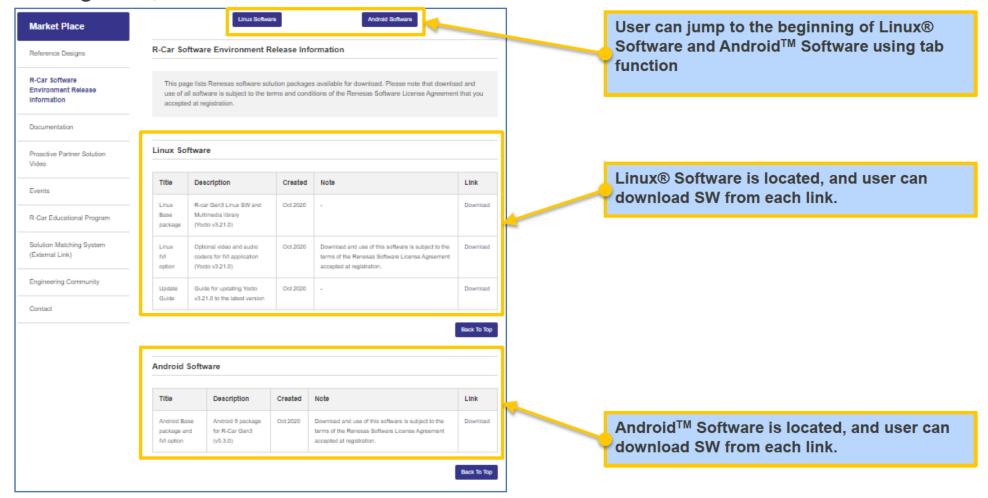- Please click "Market Place", then move to Market Place top page.

BIG IDEAS FOR EVERY SPACE

2-1.WHAT KIND OF CONTENT CAN BE DOWNLOADED?

- Reference Design: Proactive Partner in R-Car consortium provide their solution that have been evaluated on R-Car.
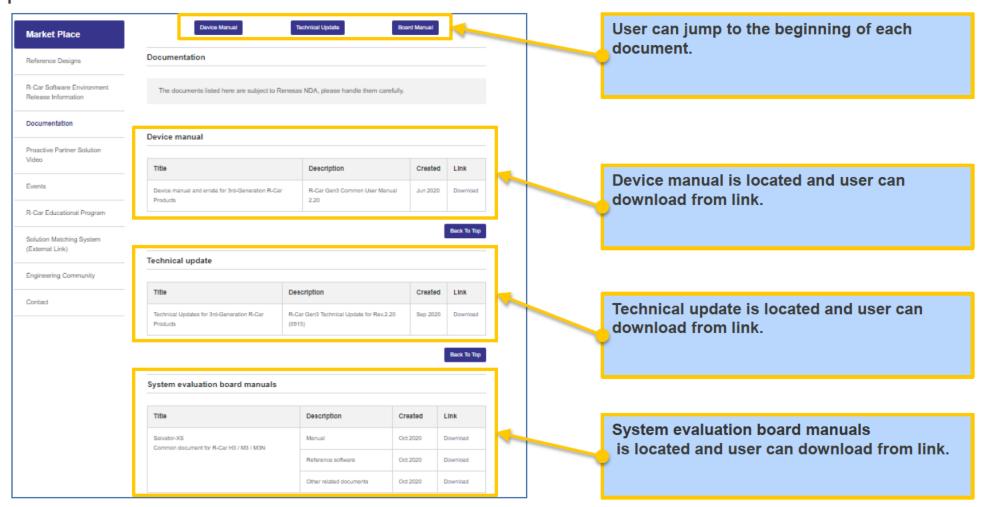
Market Place

- Reference Designs
- R-Car Software Environment Release Information
- Documentation
- Proactive Partner Solution Video
- Events
- R-Car Educational Program
- Solution Matching System (External Link)
- Engineering Community

| IVI/Cockpit | Instrument Cluster | ADAS | Gateway | Common |

Categorize solutions for each application. In addition, user can jump to the beginning of each application, since tab function was implemented for each button.

Reference Designs

Proactive Partners provide solutions that have been confirmed to work on R-Car for each application.

Explain the overview of the solution

It contains notes when move to the partner's website.

IVI/Cockpit

Camera View

Hitachi Solutions Technology, Ltd.

Title	Description	Target Device	Created	Note	Link
Hitachi Solutions Technology, Ltd.	Camera View Image Solution	R-Car H3, M3, E3, D3, V3H, V3M	2020.10	Please check "ダウンロード" field on their site	Partner URL

This is a link to the partner's website. At the link destination, SW can be downloaded, or a release can be requested.

FastBoot/QuickBoot

Ubiquitous AI Corporation

BIG IDEAS FOR EVERY SPACE

RENESAS

2-2.WHAT KIND OF CONTENT CAN BE DOWNLOADED?

- R-Car Software Environment Release Information: Renesas release Linux® Software and Android™ Software including BSP, GFX and Codecs.
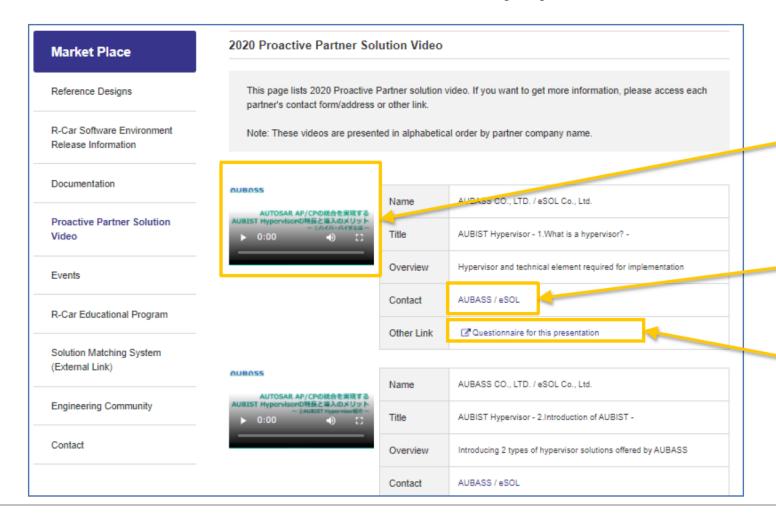

User can jump to the beginning of Linux® Software and Android™ Software using tab function

Linux® Software is located, and user can download SW from each link.

Android™ Software is located, and user can download SW from each link.

BIG IDEAS FOR EVERY SPACE

2-3.WHAT KIND OF CONTENT CAN BE DOWNLOADED?

- Documentation: Renesas provide various documents from this page, currently Device manual, Technical update and Board manual are available.

User can jump to the beginning of each document.

Device manual is located and user can download from link.

Technical update is located and user can download from link.

System evaluation board manuals is located and user can download from link.

BIG IDEAS FOR EVERY SPACE

2-4.WHAT KIND OF CONTENT CAN BE DOWNLOADED?

- 2020 Proactive Partner Solution Video: Proactive partner provide solution introduction video, also inquiries about each solution can be sent directly by the user to the listed address.

BIG IDEAS FOR EVERY SPACE
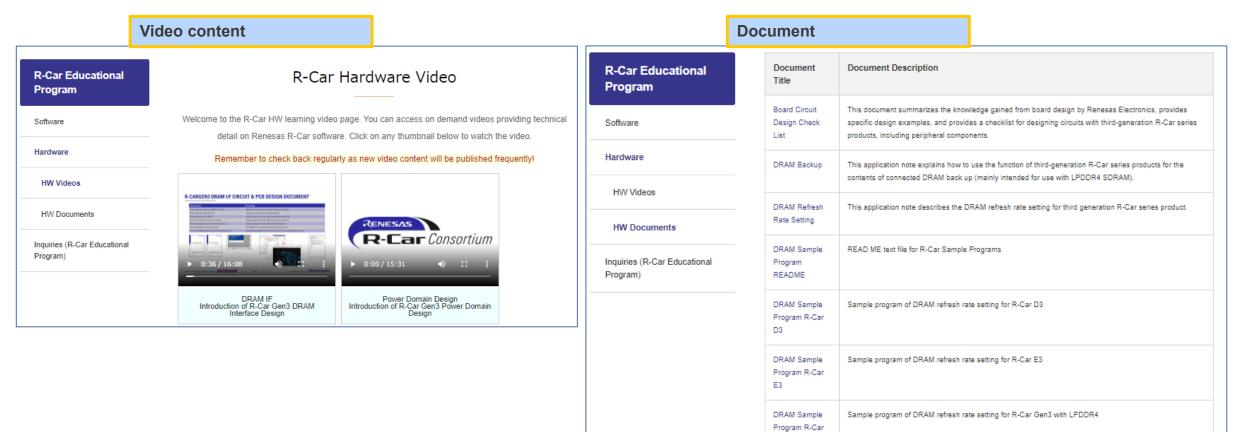
3-1.HOW TO LEARN R-CAR TECHNICAL KNOWLEDGE

- Educational program entrance: Educational Program menu is available in the side navigation of Market Place. Access the Educational Program with just one click.

BIG IDEAS FOR EVERY SPACE

3-2.HOW TO LEARN R-CAR TECHNICAL KNOWLEDGE

- Educational program content: Educational Program has video content and document for HW and SW. The Video content adds narration that details the content of the technical documentation. In the document area, user can download Application Note.

Video content

Document

BIG IDEAS FOR EVERY SPACE

4.HOW TO DISCUSS COMMUNITY MEMBERS

- As for R-Car ecosystem forum, there are major two web site which are eLinux and Renesas Rulz. Renesas will build a mechanism for these two websites to work together and propose it as an R-Car Engineering community.

- Community member can buy HW in market, and SW(*some restriction version) can download via eLinux site. Community members are using these HWs and SWs to evaluate R-Car.

- Market Place user can join this community and discuss own issue and question, also get the Information available from the FAQ site on eLinux, which is updated day by day.

- Renesas blog about engineering community

  - https://www.renesas.com/us/en/blogs/customer-value-automotive-business-series-2-r-car-s-engineering-community-website-now-open

BIG IDEAS FOR EVERY SPACE

APPENDIX

BIG IDEAS FOR EVERY SPACE **RENESAS**

PROMOTION CONTENT

- Press release

  - https://www.renesas.com/us/en/about/press-room/renesas-shifts-mobility-system-development-high-gear-its-new-online-market-place-r-car-soc

- Renesas blog

  - https://www.renesas.com/us/en/blogs/customer-value-automotive-business-series-2-r-car-s-engineering-community-website-now-open

  - Proactive Partner 2020(*Market Place)

CONTACT

- Contact person

  - r-car-market-place@lm.renesas.com

Company names and product names described in this document are registered trademarks or trademarks of the Company or each company.

BIG IDEAS FOR EVERY SPACE **RENESAS**