

RZ/A3UL Easy Download Guide

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

Mouseover 'L' in 'Link'

Step	Information for engineers	Contents Type	Contents Name	RZ/A3UL Link	Note
	RZ/A Series (Wiki)	Link summary	Introduction,Boards,Software and Documentation	Link	—
	Contact Support	QA Ticket	Technical Q&A	Link	—
	RZ/A FAQ	FAQ	Knowledge base (FAQ'S)	Link	Link (Chinese)

Step	Introduction	Contents Type	Contents Name	RZ/A3UL Link	Note
	RZ Family Brochure	Document	RZ Family Microprocessors	Link	—
	Fleyer	Document	RENESAS RZ/A3UL GROUP	Link	—
	Demo Video	Video	GuilaniSDK for RZA3UL Tutorial - How to run	Link	—
	Demo Video	Video	RZ/A Flexible Software Package - Getting Started for RZ/A3UL	Link	—
	Demo Video	Video	RZ/A3UL Display demonstration with Free GUI tool(just 1 minute)	Link	—
	Demo Video	Video	RZ/A FSP Azure RTOS Project - Getting Started	Link	—

Step	Launch of board and evaluation environment	Contents Type	Contents Name	RZ/A3UL Link	Note
1	User's Manual	Document	User's Manual: Hardware	Link	—
2	How to start up the board	Document	SMARC Module Board User's Manual	Link	—
		Document	SMARC Carrier Board User's Manual	Link	—
3	Board information / how to get	Info/purchase	Evaluation Kit web page	Link	—
4	Evaluation environment start-up method	web page	RZ/A Start-up	Link	SLA*2
		web page	RZ/A3UL Software Package	Link	SLA*2
		Document	RZ/A3UL Release Note for RZ/A Flexible Software Package	Link	—
		Document	RZ/A3UL Getting Started with RZ/A Flexible Software Package	Link	—
		Document	RZ/A3UL Release Note for RZ/A Initial Program Loader	Link	—
		Document	RZ/A3UL EVK Example Project Bundle	Link	—
5	How to get various software	Software	RZ/A FSP(Flexible Software Package) Packas	Link	SLA*2
		Software	RZ/A3UL EVK Example Project Bundle	Link	Disclaimer*3
6	How to get various tools	Tool	e² studio (IDE)	Link	SLA*2
		Tool	GUI development tools (Guilani EvalKits)	Link	—
7	How to launch various tools	Document	Release Note for e² studio	Link	—

Step	Custom board development	Contents Type	Contents Name	RZ/A3UL Link	Note
	PCB design checklist when designing a custom board	Document	Check List for PCB Design	Link	—
	PCB Design Guide for High Speed Serial Interfaces	Document	PCB Design Guide for Serial Interface	Link	—
	PCB Design Guide for DDR memory, DDR Config Generation Tool	Document, Tool	PCB Design Guide for DDR memory, DDR Config Generation Tool	Link	—
	PCB Verification Guide for Core	Document	PCB Verification Guide for Core	Link	—
	PCB Verification Guide for DDR memory	Document, Model	PCB Verification Guide for DDR memory	Link	—
	RZ/G2UL Type-1, RZ/A3UL and RZ/Five Pin Compatibility Guide	Document	RZ/G2UL Type-1, RZ/A3UL and RZ/Five Pin Compatibility Guide	Link	—
	Reference Desing Data (SMARC/QSPI Edition)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)	Link	Disclaimer*3
	Reference Desing Data (SMARC/OCTAL Edition)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)	Link	Disclaimer*3
	Reference Desing Data (Carrier Board)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)	Link	Disclaimer*3
	IBIS(For LSI)	Model	IBIS	Link	Disclaimer*3
	Boundary Scan Description Language file	File	BSDL	Link	Disclaimer*3
	Power Delivery Network model	Model	PDN	Link	Disclaimer*3
	Mecanical Handling Guideline	Document	Mechanical Handling Guideline	Link	—
	Thermal Management Guide	Document	Thermal Management Guide	Link	—
	Reference Power consumption	Document	Reference Power consumption	Link	—
	Reflow Soldering conditions	Document	Reflow Soldering conditions	Link	—
	Baking conditions	Document	Baking conditions	Link	—
	Lifetime estimation guide	Document	Lifetime estimation guide	Link	—
	Power Management IC on EVK	Device Info	Power Management IC	Link	—
	Clock Generator IC on EVK	Device Info	Clock Generator IC	Link	—
	Semiconductor Package Mount Manual	Document	Semiconductor Package Mount Manual	Link	—
	Reliability report	Document	Reliability report	Link	—
	Winning combinations/ RTOS-Based RZ/A3UL HMI SMARC SoM	web page	RTOS-Based RZ/A3UL HMI SMARC SoM	Link	—
	Winning combinations/ IoT Communications Gateway Hub	web page	IoT Communications Gateway Hub	Link	—

*1: Letter of Acknowledgement

*2: Software Liscence Agreement

*3: Disclaimer Letter