

RZ/G2L, RZ/G2LC Contents Guide

Step	Launch of board and evaluation environment	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link
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	Link
		Document	SMARC Carrier Board User's Manual		Link
		Document	Evaluation Kit(EVK) Start Up Guide		Link
3	Board information / how to get	Info/purchase	Evaluation Kit WEB Page	Link	Link
4-1	Evaluation environment start-up method				
	Verified Linux Package (VLP) Base	Document	Release Note for RZ/G Verified Linux Package V3.0.0		Link
		Document	RZ/G Verified Linux Package V3.0.0 Component List		Link
	Board Support Package (BSP) Base	Document	Release Note for RZ/G2L Board Support Package V1.3update1		Link
		Document	RZ/G2L Group Board Support Package V1.3 Component List		Link
4-2	Evaluation environment start-up method				
	Multi-OS Package	Document	Release Note for Multi-OS Package		Link
		Document	Getting Started with Flexible Software Package		Link
		Document	Setting GPIO with Flexible Software Package		Link
		Document	FSP Documentation		Link
		Document	Release Note for Flexible Software Package		Link
5-1	How to get various software				
	Verified Linux Package (VLP) Base	Software	Verified Linux Package for Cortex-A55 (V3.0.0) Kernel 5.10		Link
		Software	Graphics Library (V1.00)		Link
		Software	Codec Library (V0.56)	Link	-
		Software	Multi OS Package for Cortex-M33 (V1.11)		E/May
		Software	FSP Packs (V1.0.0)		E/May
		Software	IDE e ² studio 2021-07 Installer for Windows (ZIP English)		E/May
		Software	Security Package (V1.10)		E/May
5-2	How to get various software				
	Board Support Package(BSP) Base	Software	Board Support Package for Cortex-A55 (V1.3 update1) kernel 4.19		Link
		Software	Graphics Library (V0.80)		Link
		Software	Codec Library (V0.51)	Link	-
		Software	Multi OS Package for Cortex-M33 (V1.02)		Link
		Software	FSP Packs (V1.0.0)		Link
		Software	IDE e ² studio 2021-07 Installer for Windows (ZIP English)		Link
		Software	Security Package (V1.00)		Link
6	How to get various tools	Tool	Smart Configurator	Link	
7	How to launch various tools	Document	Smart Configurator for RZ User's Guide	Link	

Step	Custom board development	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link
	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	Document	PCB Design Guide for DDR memory		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	Link
	Reference Desing Data(Schamtics,Layout,BOM)	Design Data	Reference Desing Data(Schamtics,Layout,BOM)	Link	Link
	IBIS(For LSI)	Model	IBIS	Link	Link
	Boundary Scan Description Language file	File	BSDL		Link
	Power Delivery Network model	Model	PDN		Link
	Mecanical Handling Guideline	Document	Mechanical Handling Guideline	Link	Link
	Thermal Management Guide	Document	Thermal Management Guide	Link	Link
	Reference Power consumption	Document	Reference Power consumption	Link	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 installed in EVK	Device Info	Power Management IC		Link
	Clock Generator IC installed in EVK	Device Info	Clock Generator IC		Link

Step	Information for engineers	Contents Type	Contents Name	RZ/G2L Link	RZ/G2LC Link
	RZ/G Series 32/64-bit MPU (Wiki)	Link summary	Introduction,Boards,Software and Documentation		Link
	Contact Support	QA Ticket	Technical Q&A		Link