

Step	Custom board development	Contents Type	Contents Name	RZ/V2L 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 Guidelines for MIPI-CSI, MIPI-DSI and USB2.0	Link
	PCB Design Guide for DDR memory	Document	PCB Design Guide for DDR memory	Link
	PCB Verification Guide for Core	Document,Model	PCB verification guide for Core VDD	Link
	PCB Verification Guide for DDR memory	Document,Model	PCB Verification Guide for DDR memory	Link
	Reference Design Data(Schamtics,Layout,BOM)	Design Data	RZ/V2L SMARC Module Board Design Data	Link
	IBIS(For LSI)	Model	RZ/V2L IBIS	Link
	Boundary Scan Description Language file	File	RZ/V2L BSDL	Link
	Power Delivery Network model	Model	RZ/V2L PDN Model	Link
	Mecanical Handling Guideline	Document	Mechanical Handling Guideline	Link
	Thermal Management Guide	Document	Thermal Management Guide	Link
	Reference Power consumption	Document	RZ/V2L Reference power consumption guide(typ.)	Link
	Reflow Soldering conditions	Document	Mount Conditions Reflow Soldering Conditions	Link
	Baking conditions	Document	Mount Conditions Baking Conditions	Link
	Lifetime estimation guide	Document	Lifetime Guideline	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/V2L Link
	RZ/V Series 64-bit MPU (Renesas info)	Link summary	Introduction,Boards,Software and Documentation	Link
	FAQ	Link summary	Knowledgebase / FAQ	Link
	Contact Support	QA Ticket	Technical Q&A	Link

[Supplementary information] Renesas recommends using AI SDK.

Step	Information for engineers	Contents Type	Contents Name	RZ/V2L Link
	Old Version Software & Tools			
		Software	RZ/V Verified Linux Package [5.10-CIP] v3.0.5	Link
		Software	Open source Package v3.0.5	Link
		Software	RZ/V2L DRP-AI Support Package v7.41	Link
		Software	RZ/V2L ISP Support Package v1.30	Link
		Software	Graphics Library Evaluation Version v1.2.0	Link
		Software	Video Codec Library Evaluation Version v1.2.0	Link
		Software	AI Demo SD image(Object Detection, Pose Estimation, Classification)	Link
		Software	AI Demo Pre-build(Object Detection, Pose Estimation, Classification)	Link
		Tool	DRP-AI Translatorv1.83	Link
	Old Version Software & Tools			
		Software	RZ/V Verified Linux Package [5.10-CIP] v3.0.4	Link
		Software	Open source Package v3.0.4	Link
		Software	RZ/V2L DRP-AI Support Package v7.40	Link
		Software	RZ/V2L ISP Support Package v1.30	Link
		Software	Graphics Library Evaluation Version v1.1.0	Link
		Software	Video Codec Library Evaluation Version v1.1.0	Link
		Tool	DRP-AI Translatorv1.82	Link
	Old Version Software & Tools			
		Software	RZ/V Verified Linux Package 3.0.0 update2	Link
		Software	Open Source Software Package	Link
		Software	RZ/V2L DRP-AI Support Package v7.20	Link
		Software	RZ/V2L ISP Support Package v1.20	Link
		Software	Graphics Library v1.21	Link
		Software	Codec Library v0.58	Link
		Software	CM33 Multi-OS Package v1.02	Link
		Tool	DRP-AI Translatorv1.80	Link