

RZ/V2MA Evaluation Board Kit **SHIMAFUJI**

This product is an evaluation kit equipped with Renesas Electronics MPU (RZ/V2MA). RZ/V2MA has a power-efficient AI accelerator (DRP-AI) and an OpenCV accelerator for AI pre- and post-processing. The evaluation kit is equipped with a microSD card slot, LPDDR4, eMMC, USB host peripherals, Giga bit Ethernet, etc., enabling the development of various embedded AIs that require image streaming through these interfaces.



SBEV-RZ/V2MA-KIT

◆ Specifications

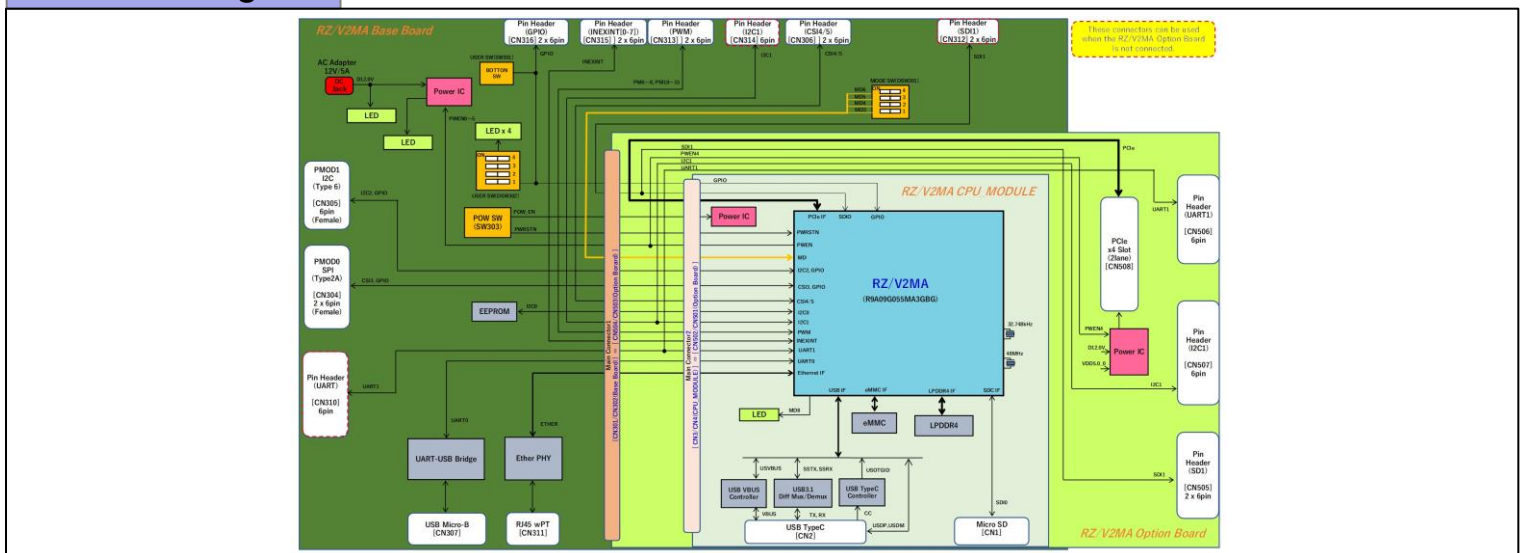
Parts No.	SBEV-RZ/V2MA-KIT SBEV-RZ/V2MA CPU Module SBEV-RZ/V2MA BASE Board	
CPU	RZ/V2MA (R9A09G055MA3GBG) DRP-AI ARM® Cortex™-A53 1GHz x2	
Memory	LPDDR4 4GB eMMC 16GB	
External	microSD Card Slot	x1
	USB 3.1 Type-C	x1
	RJ45 Connector(GbE)	x1
	PCIe x2 slot (RZ/V2MA Option Board)	x1
Power	DC12.0V (DC Jack / Terminal)	
Board Size (Excluding protrusions)	CPU Module	60mm x 55mm
	BASE	113mm x 80mm
	PCIe OPTION	90mm x 60mm
Options	AC Adapter RZ/V2MA Option Board	

◆ RZ/V2MA Option Board



* It need RZ/V2MA Option Board (Option) to evaluate the PCIe.

◆ Block Diagram



SP32E9001E

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