

VK-RZ/V2L

ver. 1.0

Raspberry Pi 4 form factor
Renesas Electronics RZ/V2L
Dual core ARM Cortex-A55, Cortex-M33

R9A07G054L23GBG

- 1.2GHz, 456pins BGA, Fanless

On board RAM

- 4GB DDR4, 1.6GHz, SDRAM

On board ROM

- 16MB QSPI, 133MHz, NOR Flash
- 64GB eMMC/uSSD, 200MHz, NAND Flash

WiFi + BLE

- module DA16600

Audio

- 3.5mm, 4pin Jack

uSD

- Card Holder

uHDMI

- MIPI/DSI Receiver with HDMI Transmitter

Camera interface

- 22pin FPC, 4-lane MIPI CSI port

Display interface

- 22pin FPC, 4-lane MIPI DSI port

Communication Ports

- 4x USB 2.0 (Hosts)
- 1x CAN
- 1x RJ45
- 1x UART (to USB system console tty)

Exp. Ports

- Standard Raspberry Pi 40pin header (2x20)

Console/SYS TTY port:

- uUSB Type B, Composite device (CDC, MSC)

USB C Power IN (5V)

- USB 2.0 Function, 3A max

Operating temperature:

- -40 ... +85°

Dimensions:

- 56 mm x 85 mm
- Mounting holes 4 x Ø2,7 mm

