

VK-RA4W1

ver. 1.0

ARDUINO UNO rev3 form factor
Renesas Electronics ARM Cortex-M4 MCU

R7FA4W1AD2CNG#AA0

- 48MHz, 56pins QFN

96 KB OnChip RAM

512 KB OnChip FLASH

1 x USB 2.0

- USB, Host/Function, micro **B** type connector

BLE Chip Antenna

User interface

- 1 LED (Green)
- 1 Push button

Communication Ports

- USB, CAN, RS485

Exp. Ports

- ARDUINO UNO form-factor (rev3)
- 2 Extra header (**10 + 8 I/O** RA4W1 pins)

Debug ports:

- ARM J-TAG/SWD 2x5 pins, Coresight™
- MBED DAPLink (Composite CDC, MSC, HID)

DC IN +(5 ... 24)V

- Consumption 500mA max

Operating temperature:

- -40 ... +85°

Dimensions:

- 53 mm x 68 mm
- Mounting holes 4 x Ø3,2 mm

