

# VK-RA4W1

## ver. 2.0

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

### R7FA4W1AD2CNG#AA0

- 48MHz, 56pins QFN

### 96 KB OnChip RAM

### 512 KB OnChip FLASH

### BLE Chip Antenna

### Sensors

- TVOC & Air Quality (eCO<sub>2</sub>)
- Humidity & Temperature

### User interface

- 1(2) LED(s) Green(Yellow)
- 1 Push button

### Communication Ports

- CAN, RS485

### Exp. Ports

- ARDUINO UNO form-factor (rev3)

### Debug ports:

- ARM SWD 2x5 pins, Coresight™
- System TTY (CDC)

### 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

