

RENESAS RA ECOSYSTEM PARTNER SOLUTION

# VK-RA6M3

Arduino UNO R3 COMPLIANT MODULES

## Key Features

- Renesas RA6 ArmCortex®-M4 @ 120MHz
- RAM: 640KB, FLASH: 2MB (OnChip) + 16MB QSPI (OnBoard)
- 1x 24pin FPC Camera (VGA)
- 1x 40pin FPC Display (RGB) + 1x 6pin FPC Touch (Capacitive)
- 1x RJ45, 1x SDHI, 2x µUSB 2.0 (Type B & Type AB)
- 1x CAN + 1x RS485 (Screwless)
- 4x User LEDs (R|G|B|Y), 2x User Button
- 1x µUSB 2.0 Type B: ARM DAPLink (Flash, Debug & TTY)

## Target Markets and Applications

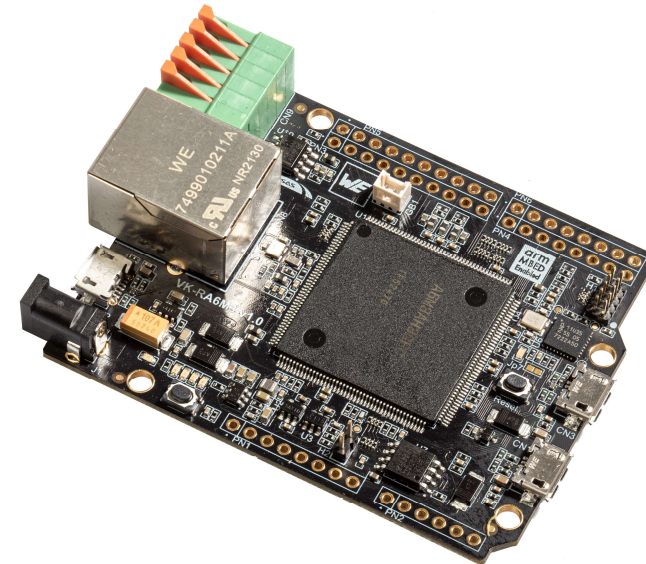
- Industrial Controls
- Industrial Automation
- Consumer Electronics
- Surveillance Solution
- Home Appliances
- Home Automation
- HMI Applications
- Robotics
- Smart Home
- IoT

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AMERICAS	●
EUROPE	●
JAPAN	●
CHINA	●
TAIWAN	●
ASEAN/ ANZ/ IND	●
KOREA	●

**VK-RA6M3** provides better and convenient alternative to Arduino UNO R3 with great reusability of all available UNO's shields. Excellent solution for all kind of industrial, professional or hobby projects.



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