RZ Ecosystem Partner Solution
Aries MSRZG2UL – SiP SoM

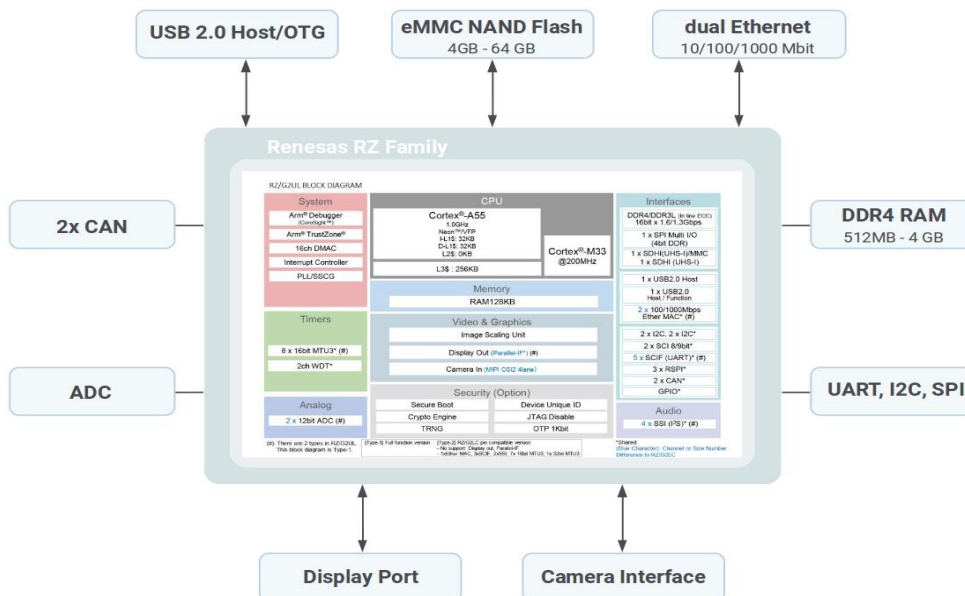## Solution Summary

The MSRZG2UL is an Open Standard Module compliant System-In-Package based on Renesas RZ Family architecture offering high-performance Cortex-A55/Cortex-M33 core. The MSRZG2UL delivers compact design and a wide range of services, bringing low power consumption, thermal efficiency and low-cost to embedded systems.

Features/Benefits

- Single Cortex-A55, up to 1GHz
- 512MB – 4GB DDR4 RAM
- 4GB eMMC NAND Flash
- Display port, camera interface
- Size S, 30x30mm²

- Dual 10/100/1000MBit Ethernet
- USB 2.0, 2x CAN, UART, I2C, SPI, ADC
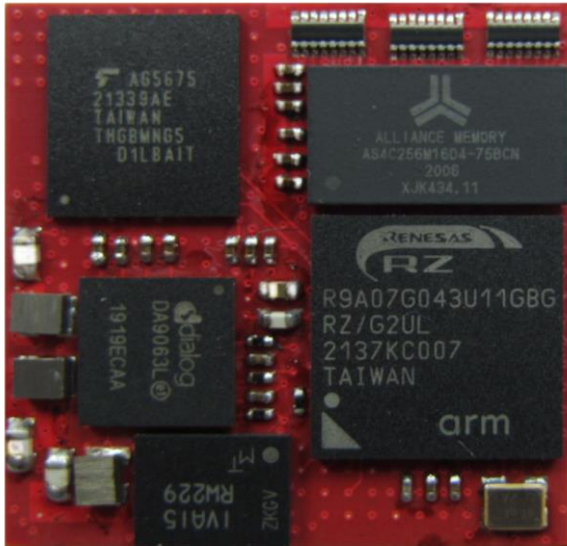- -40°C - +85°C industrial temperature range

Block Diagram/Graphics

Target Markets and Applications
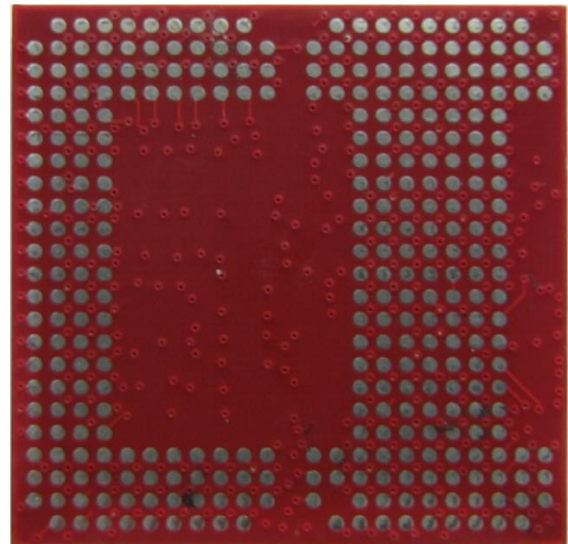
- IoT
- Industrial Controls
- Mobile Applications

https://www.aries-embedded.com/

2022.10

MSRZG2UL - FRONT

MSRZG2UL - BACK

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Based on leading edge technology ARIES Embedded helps with innovative solutions, tailored to the specific requirements of the customer's products. The services and building blocks offered cover the entire life cycle of an embedded device.