

RZ Ecosystem Partner Solution

Aries MSRZG2UL – SiP SoM



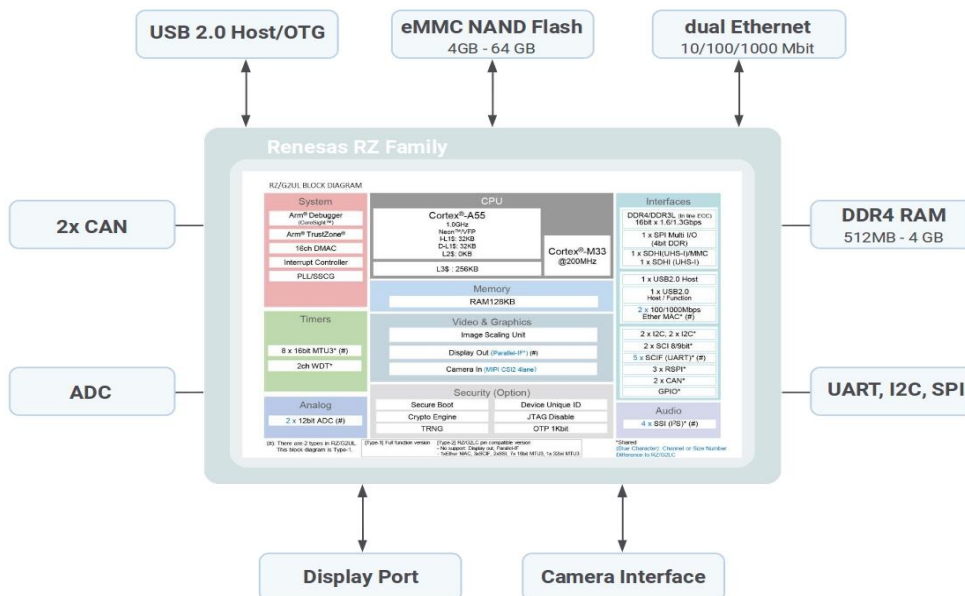
Solution Summary

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



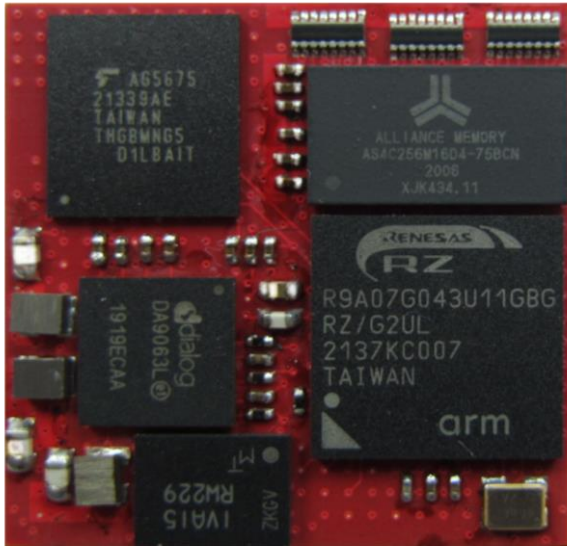
Target Markets and Applications

- IoT
- Industrial Controls
- Mobile Applications

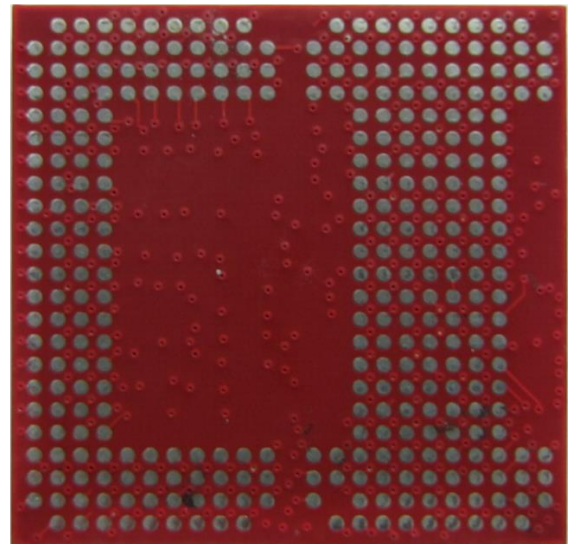
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MSRZG2UL - FRONT



MSRZG2UL - BACK

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