

RZ Ecosystem Partner Solution

Aries MSRZFive – RISC-V Single Core SiP



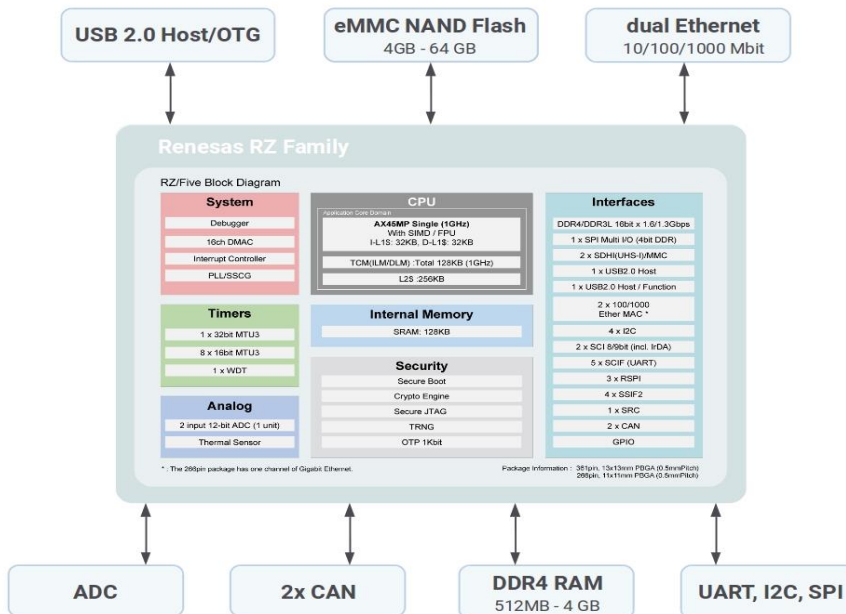
Solution Summary

The MSRZFive is an Open Standard Module compliant System-In-Package (SiP) based on Renesas [RZ/Five](#) offering high-performance 64-bit RISC-V core. The MSRZFive combines 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
- 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 Diagrams/Graphics



Target Markets and Applications

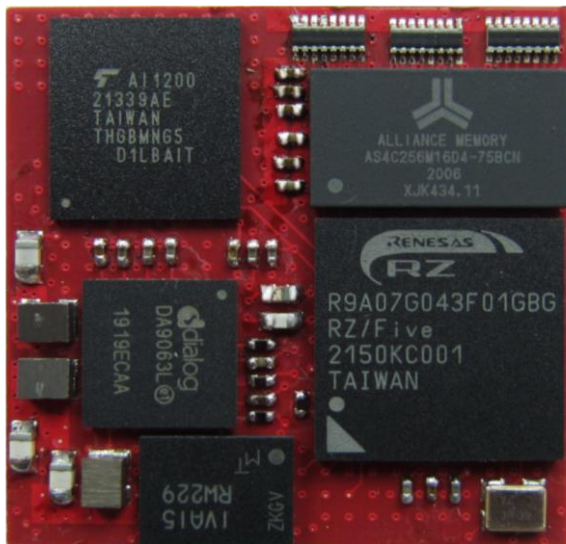
- IoT
- Industrial Controls
- Mobile Applications

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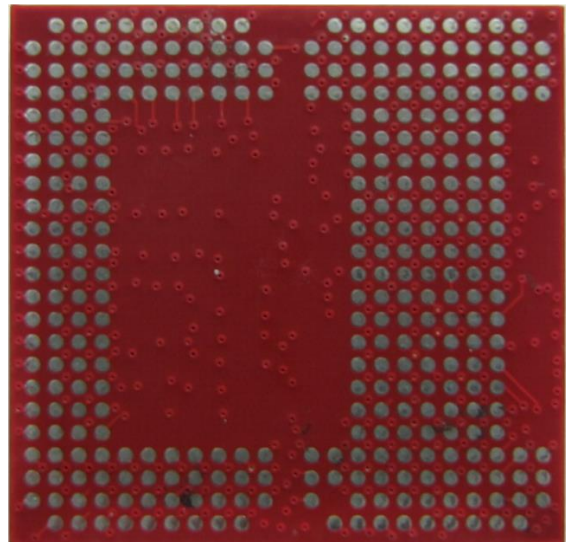
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MSRZFive - FRONT



MSRZFive - BACK

ARIES Embedded, located in the Munich area, provides professional solutions in the area of Embedded Systems. With a small team of experts, they serve customers worldwide in various markets as Automation Technology, Industry, Medicine Technology, Farming and Space Applications.

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.