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

Solution Summary

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

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