RZ Ecosystem Partner Solution
Aries FIVEBerry

Solution Summary
The FIVEberry baseboard is build around the MSRZFive System on Module to support users to have a smooth start-up with the new CPU architecture of RZ/Five provided by Renesas. The MSRZFive is an Open Standard Module compliant System-In-Package developed based on Renesas RZ Family architecture 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
• 64-bit RISC-V/AX45MP (Single) 1GHz
• 512MB DDR4 RAM
• 128MBit SPI-NOR
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• -25°...+85°C
• Two Ethernet ports 10/100/1000MBit/s on RJ45
• Console via USB to UART, USB2.0 Host
• USB2.0 OTG, 2xI2C, GPIO
• SD-card interface
• 5V single voltage supply via USB

Block Diagram/Graphics

Target Markets and Applications
• IoT
• Industrial controls
• Mobile applications

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