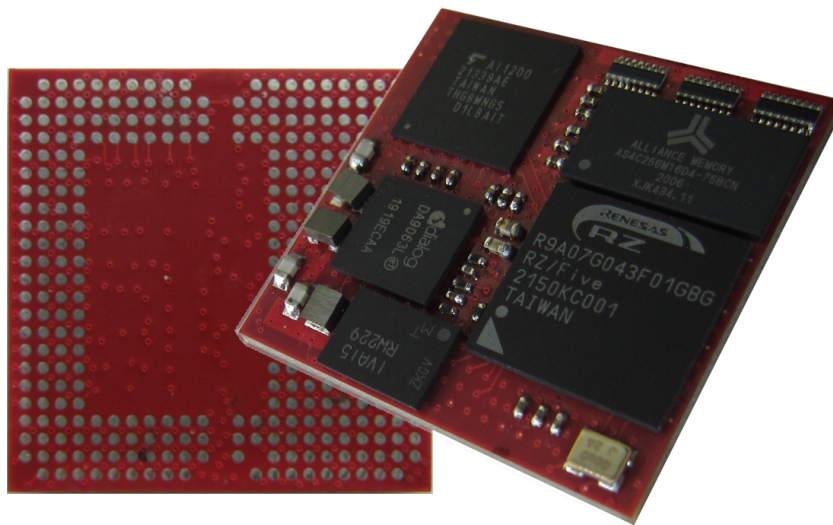


MSRZFive System In Package

The MSRZFive is the Open Standard Module compliant System-In-Package 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.

The chosen OSM form factor supports 332 contacts, offers almost all of the CPU functionality on the contacts and is therefore suitable for most industrial applications.



MSRZFive featureset:

- Single core RISC-V, up to 1GHz
- 512MB – 4GB DDR4 RAM
- 4GB eMMC NAND Flash
- dual 10/100/1000MBit Ethernet
- USB2.0 Host/OTG
- 2x CAN
- UART, I2C, SPI
- ADC
- compliant to the SGET OSM standard
- size S, 30x30mm²,
- pin count: 332
- commercial (0°C...+70°C) / industrial (-40°C...+85°C) temperature range



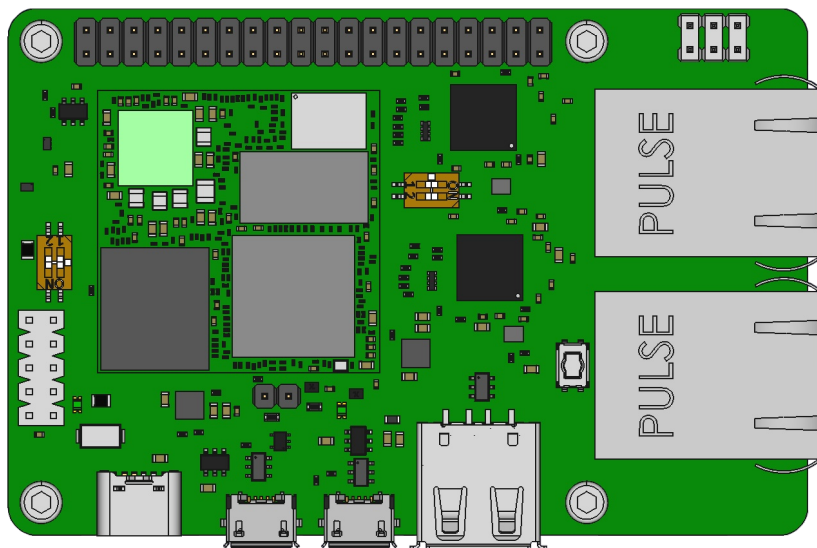
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FIVEberry Evaluationboard

The FIVEberry baseboard is built around the MSRZFive System on Module. The FIVEberry supports users to have a smooth start-up with the new CPU architecture RZ/Five by Renesas. It supports all necessary features to make first steps with the RISC-V CPU core, develop and debug drivers and the bootloader and even to use it in prototype setups.



FIVEberry featureset:

- Single core RISC-V, up to 1GHz
- MSRZFive-AAA System on Module
 - Renesas RZ/Five R9A07G043F01GBG
 - 512MB DDR4 RAM
 - 4GB eMMC
 - 128MBit SPI-NOR
 - -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



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