The phyCORE-RZV System on Module (SOM) is powered by the RENESAS RISC-V based MPU (RZ/Five) product group. This group expands PHYTEC’s family of products into low cost ultra-low power solutions. This compact module features our next generation of Direct Solder Connect (DSC) technology with scalloped edge contacts that reduces manufacturing cost. The industrial phyCORE-RZV SOM is well suited for high performance and energy-efficient applications such as HMI, IoT, and other connected devices.

Features/Benefits

- RENESAS RISC-V SOC (RZ/Five)
- Direct Solder Connect scalloped edge interface
- Custom SOM configuration available
- Seamless system integration
- Compact form factor: 36 x 36 mm
- Tape and Reel or Tray orderable options

Target Markets and Applications

- IoT Gateway
- Industrial Gateway
- Low Power HMI
- Industry-4.0 Applications
- EV Charger Controllers (Communication / HMI )
- Low Power Digital Cluster for EVs

https://www.phytec.in/product/system-on-modules/phycore-rzv/
About PHYTEC:
PHYTEC develops and produces microprocessor-based solutions for the global, industrial embedded market at its headquarters in Mainz. Our range of products and services includes System on Modules / Computer on Modules, Single Board Computers and custom products as well as housing design and assembly for turnkey solutions. PHYTEC also offers solutions for Internet of Things and Embedded Imaging as well as hardware specific software.

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