

MCU 32Bit SuperH RISC 256KB Flash 5V 112Pin PQFP

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|---------------|---|
| Manufacturers | Renesas Technology Corp |
| Package/Case | QFP-112 |
| Product Type | Embedded Processors & Controllers |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for HD64F7044F28 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

HD64F7044F28 is a microcontroller unit (MCU) from Renesas Electronics Corporation. It belongs to the H8S family and features a 16-bit CPU core, on-chip flash memory, on-chip RAM, and a range of peripherals.

Features

CPU core: H8S/2000 CPU core operating at a maximum frequency of 28MHz

Memory: 256KB flash memory, 16KB RAM

Peripherals: 8-channel 10-bit A/D converter, 4-channel 8-bit D/A converter, 2-channel UART, 3-channel SCI, 2-channel I2C, 2-channel CAN, 2-channel DMA, 8-channel timer, and more.

Power supply voltage: 2.7V to 5.5V

Application

Automotive systems: It is suitable for applications such as engine management, transmission control, and airbag control.

Industrial automation: It can be used in industrial automation systems for controlling machines and processes.

Medical devices: It can be used in medical devices such as blood glucose meters, pulse oximeters, and ECG monitors.

Consumer electronics: It can be used in various consumer electronics products such as digital cameras, audio players, and printers.

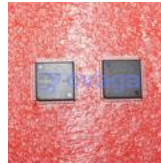


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QFP100