

Single-Chip Microcomputer

| | |
|---------------|---|
| Manufacturers | Renesas Technology Corp |
| Package/Case | QFP100 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for HD64F2144AFA20V or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

HD64F2144AFA20V is a microcontroller unit (MCU) produced by Renesas Electronics. It is a member of the H8S/2100 series of 16-bit MCUs, which is designed to meet the needs of various industrial and consumer applications.

Features

- A 16-bit H8S CPU core with a maximum operating frequency of 20 MHz.
- 64 kilobytes of flash memory for program storage.
- 4 kilobytes of RAM for data storage.
- A variety of on-chip peripherals, including timers, serial interfaces, and analog-to-digital converters.
- Low power consumption and high noise immunity.
- Operating voltage range of 2.7V to 5.5V.

Application

- Industrial control systems
- Motor control systems
- Consumer electronics
- Home appliances
- Office automation equipment



Related Products



[HD64F2378BVFQ35V](#)

Renesas Technology Corp
QFP144



[HD6412352F20V](#)

Renesas Technology Corp
QFP128



[HD64F2138AFA20V](#)

Renesas Technology Corp
QFP80



[HD6417709SHF200BV](#)

Renesas Technology Corp
QFP



[HD6417750F167V](#)

Renesas Technology Corp
208-BFQFP Exposed Pad



[HD64F3062BF25V](#)

Renesas Technology Corp
PQFP-100



[HD6417727F100CV](#)

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240-BFQFP



[HD64F7065AF60V](#)

Renesas Technology Corp
176-LQFP