

H8SX Family; H8SX/1600 Series; Microcontroller; Bit Size: 32/16-bit CISC; ROM: 512K; RAM: 40K; ROM Type: Flash memory; CPU: H8SX core; Minimum Instruction Execution Time (ns): 20 (@50MHz); Operating Frequency / Supply Voltage: 50MHz/3.0 to 3.6V; Oper

Manufacturers	Renesas Technology Corp
Package/Case	LQFP-144
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F61664N50FPV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

R5F61664N50FPV is a microcontroller from the Renesas RX family. Here are some of its features:

Features

- 32-bit RXv2 CPU core running at up to 120MHz
- 1MB of flash memory and 128KB of RAM
- Multiple communication interfaces, including UART, I2C, SPI, and USB
- 12-bit ADC with up to 24 channels
- 16-bit timers and pulse width modulators (PWMs)
- On-chip debugging and trace capabilities
- Low power consumption

Application

- Industrial automation and control systems
- Motor control and power management
- Medical devices
- Consumer electronics
- Internet of Things (IoT) devices



Related Products



[R5F21276NFP](#)

Renesas Technology Corp
QFP32



[R5F61653N50FTV](#)

Renesas Technology Corp
TQFP120



[R5F3640MDFAR](#)

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[R5F71494FPV](#)

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