

H8SX Family; H8SX/1600 Series; Microcontroller; Bit Size: 32/16-bit CISC; ROM: 384K; 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	TQFP120
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F61653N50FTV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

R5F61653N50FTV is a microcontroller unit (MCU) manufactured by Renesas Electronics. It is a member of the Renesas RX family of MCUs and is based on the 32-bit RXv3 core. The MCU has a high-performance CPU and a wide range of peripheral functions, making it suitable for a variety of applications.

Features

32-bit RXv3 core

120 MHz maximum operating frequency

Up to 512 KB of flash memory and 64 KB of RAM

USB 2.0 full-speed interface

Ethernet controller

CAN interface

DMA controller

Timer/counter and pulse width modulation (PWM) modules

ADC and DAC modules

Encryption hardware accelerator

Application

Industrial automation

Building automation

Motor control

Audio and video equipment

Home appliances

Communication equipment



Related Products



[R5F21276NFP](#)

Renesas Technology Corp
QFP32



[R5F61664N50FPV](#)

Renesas Technology Corp
LQFP-144



[R5F3640MDFAR](#)

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[R5F71494FPV](#)

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QFP-120



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