

RENESAS 16-BIT SINGLE-CHIP MCU R8C FAMILY / R8C/2x SERIES

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	LQFP-5
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F21256SNFP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

R5F21256SNFP is a microcontroller unit (MCU) manufactured by Renesas Electronics Corporation. Here are some of its features:

### Features

It belongs to the R8C family of 16-bit MCUs.

It has a maximum operating frequency of 20 MHz.

It has 256 kilobytes of flash memory, 12 kilobytes of RAM, and 4 kilobytes of data flash memory.

It has a variety of built-in peripherals, such as timers, ADC, UART, and SPI, among others.

It operates on a voltage range of 2.7 to 5.5 volts.

It has low power consumption and can operate in low voltage conditions.

### Application

Automotive systems, such as engine control units, powertrain control modules, and body control modules.

Industrial control systems, such as programmable logic controllers, motor control systems, and instrumentation systems.

Consumer electronics, such as audio systems, televisions, and gaming consoles.

Medical equipment, such as patient monitoring systems and diagnostic equipment.

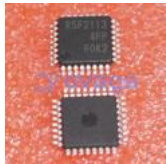


## Related Products



### [R5F21246SNFP](#)

Renesas Technology Corp  
QFP48



### [R5F21134FP](#)

Renesas Technology Corp  
QFP-32



### [R5S77641N300BG](#)

Renesas Technology Corp  
BGA



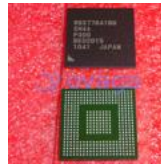
### [R5F56218BDFP#V0](#)

Renesas Technology Corp  
100-LQFP



### [R5F21368CNFP](#)

Renesas Technology Corp  
64-LQFP



### [R5S77641P300BG](#)

Renesas Technology Corp  
BGA



### [R5F562TAADF#V1](#)

Renesas Technology Corp  
RX62T32Bit100Mhz



### [R5F52306ADFM#30](#)

Renesas Technology Corp  
64-LQFP