

**R5F564MFDDFC#31 Information**


For Reference Only

**Part Number** [R5F564MFDDFC#31](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 2MB FLASH 176LQFP  
**Package** 176-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



Request a Quote

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**R5F564MFDDFC#31 Specifications**

Manufacturer Part Number	<a href="#">R5F564MFDDFC#31</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	176-LQFP
Series	RX600
Core Processor	RXv2
Core Size	32-Bit
Speed	120MHz
Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	127
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	64K x 8
RAM Size	552K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Data Converters	A/D 29x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	176-LQFP
Supplier Device Package	176-LFQFP (24x24)

[Report errors?](#)

## R5F564MFDDFC#31 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## R5F564MFDDFC#31 Payment Methods



## R5F564MFDDFC#31 Shipping Methods



If you have any question about R5F564MFDDFC#31, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)