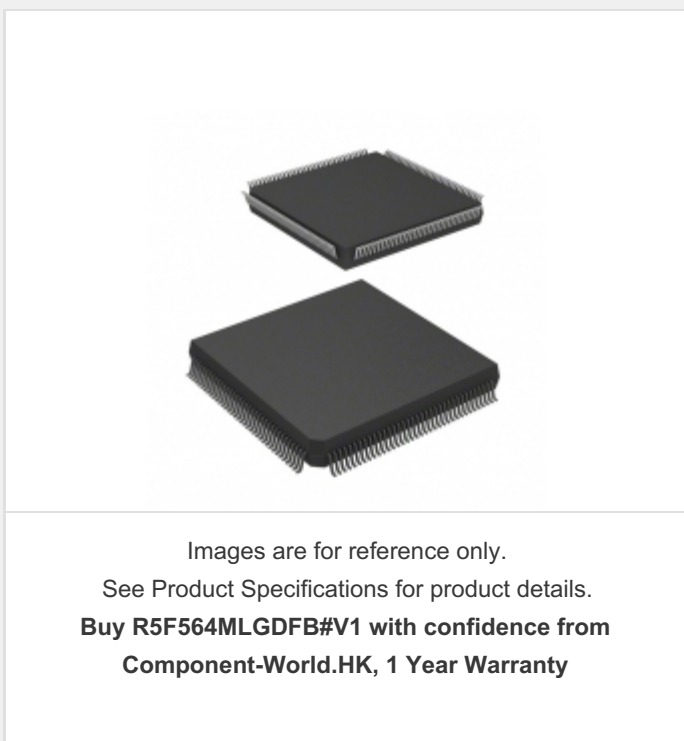


**R5F564MLGDFB#V1**



**Part Number:** [R5F564MLGDFB#V1](#)  
**Manufacturer:** [Renesas Electronics America](#)  
**Description:** IC MCU 32BIT 4MB FLASH 144LQFP  
**Data sheet:** [RX64M Datasheet](#)  
[RX64M Hardware Manual](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	R5F564MLGDFB#V1	Manufacturer	<a href="#">Renesas Electronics America</a>
Description	IC MCU 32BIT 4MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5774 pcs	Data sheet	<a href="#">RX64M Datasheet</a> <a href="#">RX64M Hardware Manual</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	120MHz
Series	RX600	RAM Size	552K x 8
Program Memory Type	FLASH	Program Memory Size	4MB (4M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	111
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64K x 8	Detailed Description	RXv2 RX600 Microcontroller IC 32-Bit 120MHz 4MB (4M x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 29x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	RXv2	Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB

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	Part#: <a href="#">R5F564MLDDFP#31</a> Description: IC MCU 32BIT 4MB FLASH 100LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F564MLGDFC#V1</a> Description: IC MCU 32BIT 4MB FLASH 176LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">R5F564MLDDLK#21</a> Description: IC MCU 32BIT 4MB FLASH 145TFLGA	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F564MLDDFB#31</a> Description: IC MCU 32BIT 4MB FLASH 144LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F564MLGDLJ#21</a> Description: IC MCU 32BIT 4MB FLASH 100TFLGA	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F564MLDDFC#31</a> Description: IC MCU 32BIT 4MB FLASH 176LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
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