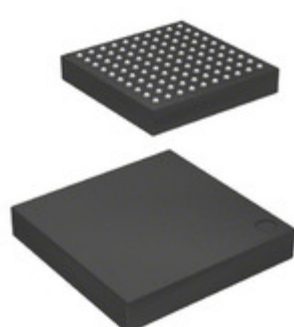


## R5F564MFDDLJ#21



Images are for reference only.  
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**Part Number:** [R5F564MFDDLJ#21](#)  
**Manufacturer:** [Renesas Electronics America](#)  
**Description:** IC MCU 32BIT 2MB FLASH 100TFLGA  
**Data sheet:** [RX64M Datasheet](#)  
[RX64M Hardware Manual](#)

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

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### PRODUCT PARAMETER

<b>Part Number</b>	R5F564MFDDLJ#21	<b>Manufacturer</b>	<a href="#">Renesas Electronics America</a>
<b>Description</b>	IC MCU 32BIT 2MB FLASH 100TFLGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	10656 pcs	<b>Data sheet</b>	<a href="#">RX64M Datasheet</a> <a href="#">RX64M Hardware Manual</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 3.6 V
<b>Supplier Device Package</b>	100-TFLGA (7x7)	<b>Speed</b>	120MHz
<b>Series</b>	RX600	<b>RAM Size</b>	552K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	2MB (2M x 8)
<b>Peripherals</b>	DMA, LVD, POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	100-TFLGA	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	78
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	64K x 8	<b>Detailed Description</b>	RXv2 RX600 Microcontroller IC 32-Bit 120MHz 2MB (2M x 8) FLASH 100-TFLGA (7x7)
<b>Data Converters</b>	A/D 22x12b, D/A 1x12b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	RXv2	<b>Connectivity</b>	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB

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	<b>Part#:</b> <a href="#">R5F564MFDDFB#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 144LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDFP#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFCDL#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDFC#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDLC#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 177TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDBG#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFBGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDFC#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFCDLK#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 145TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDBG#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFBGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDLK#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 145TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFHDBG#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFBGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDFB#31</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 144LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDFC#31</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDFP#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDFC#31</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 176LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDFP#31</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDLJ#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDFB#V1</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 144LFQFP	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFGDLK#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 177TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">R5F564MFDDLK#21</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 145TFLGA	<b>Manufacturers:</b> <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>

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