

RENESAS

Renesas Electronics America

### R5F564MFDDLJ#21

Part Number:	R5F564MFDDLJ#21
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 2MB FLASH 100TFLGA
Datasheets:	<a href="#">1.R5F564MFDDLJ#21.pdf</a> <a href="#">2.R5F564MFDDLJ#21.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	7806 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of R5F564MFDDLJ#21

PART NUMBER	R5F564MFDDLJ#21
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 2MB FLASH 100TFLGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7806 pcs
DATA SHEET	<a href="#">1.R5F564MFDDLJ#21.pdf</a> <a href="#">2.R5F564MFDDLJ#21.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFLGA (7x7)
SPEED	120MHz
SERIES	RX600
RAM SIZE	552K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFLGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
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 2MB (2M x 8) FLASH 100-TFLGA (7x7)
DATA CONVERTERS	A/D 22x12b, D/A 1x12b
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

#### Related Tags

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#### Related Products

<p><b>R5F564MFDDFB#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 144LFQFP                  In stock: 5738 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFDDFC#31</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFQFP                  In stock: 3198 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFDDFP#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 100LFQFP                  In stock: 5849 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFGDFF#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 100LFQFP                  In stock: 4769 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFDDFC#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFQFP                  In stock: 6757 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFGDFC#31</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFQFP                  In stock: 7043 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFGDFB#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 144LFQFP                  In stock: 4709 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFGDBG#21</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFBGA                  In stock: 4110 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFDDLC#21</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 177TFLGA                  In stock: 6013 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFDDFP#31</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 100LFQFP                  In stock: 7374 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFGDFC#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFQFP                  In stock: 5981 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFDDLK#21</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 145TFLGA                  In stock: 6468 pcs  <a href="#">RFQ</a></p>