



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F564MLDDFB#V1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F564MLDDFB#V1                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 4MB FLASH 144LFQFP                                                                              |
| Datasheets:         |  1.R5F564MLDDFB#V1.pdf      |
|                     |  2.R5F564MLDDFB#V1.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5048 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

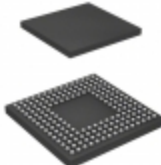
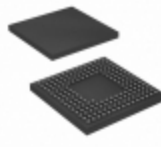
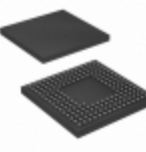
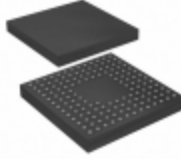
Specifications of R5F564MLDDFB#V1

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F564MLDDFB#V1                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 4MB FLASH 144LFQFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 5048 pcs                                                                                                  |
| DATA SHEET                       |  1.R5F564MLDDFB#V1.pdf |
|                                  |  2.R5F564MLDDFB#V1.pdf |
| 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, I²C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB                            |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F564MLDDFB#V1 | R5F564MLDDFB#V1 Distributor             | R5F564MLDDFB#V1 Supplier                        |
| R5F564MLDDFB#V1 Price                       | R5F564MLDDFB#V1 Pictures                | R5F564MLDDFB#V1 Image                           |
| R5F564MLDDFB#V1 PDF Datasheet               | R5F564MLDDFB#V1 Download Datasheet      | R5F564MLDDFB#V1 Datasheet                       |
| R5F564MLDDFB#V1 Stock                       | Buy R5F564MLDDFB#V1                     | Buy Renesas Electronics America R5F564MLDDFB#V1 |
| Renesas Electronics America R5F564MLDDFB#V1 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F564MLDDFB#V1 | Renesas Technology Corp R5F564MLDDFB#V1 | Renesas R5F564MLDDFB#V1                         |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>R5F564MLDDFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 100LFQFP<br/>In stock: 5263 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLDDFC#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 176LFQFP<br/>In stock: 3076 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F564MLDDBG#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 176LFBGA<br/>In stock: 4154 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLCDLJ#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 100TFLGA<br/>In stock: 5780 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F564MLCDLC#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 177TFLGA<br/>In stock: 4993 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLDDLJ#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 100TFLGA<br/>In stock: 6073 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F564MLDDFB#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 144LFQFP<br/>In stock: 6145 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLDDLJ#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 177TFLGA<br/>In stock: 5535 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F564MLDDFC#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 176LFQFP<br/>In stock: 4042 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLDDFP#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 100LFQFP<br/>In stock: 5715 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F564MLCDLK#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 145TFLGA<br/>In stock: 5383 pcs<br/><div>RFQ</div></div> |  <div><b>R5F564MLCDFP#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 100LFQFP<br/>In stock: 4952 pcs<br/><div>RFQ</div></div> |