



R5F564MFCDLJ#21

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F564MFCDLJ#21                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 2MB FLASH 100TFLGA                                                                              |
| Datasheets:         |  1.R5F564MFCDLJ#21.pdf      |
|                     |  2.R5F564MFCDLJ#21.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6384 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

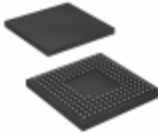
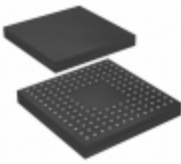
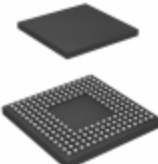
Specifications of R5F564MFCDLJ#21

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F564MFCDLJ#21                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100TFLGA                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 6384 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.R5F564MFCDLJ#21.pdf<br> 2.R5F564MFCDLJ#21.pdf |
| 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, I²C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB                                                                                                                                         |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F564MFCDLJ#21 | R5F564MFCDLJ#21 Distributor             | R5F564MFCDLJ#21 Supplier                        |
| R5F564MFCDLJ#21 Price                       | R5F564MFCDLJ#21 Pictures                | R5F564MFCDLJ#21 Image                           |
| R5F564MFCDLJ#21 PDF Datasheet               | R5F564MFCDLJ#21 Download Datasheet      | R5F564MFCDLJ#21 Datasheet                       |
| R5F564MFCDLJ#21 Stock                       | Buy R5F564MFCDLJ#21                     | Buy Renesas Electronics America R5F564MFCDLJ#21 |
| Renesas Electronics America R5F564MFCDLJ#21 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F564MFCDLJ#21 | Renesas Technology Corp R5F564MFCDLJ#21 | Renesas R5F564MFCDLJ#21                         |

Related Products

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| <div></div> <div><b>R5F564MFDDFC#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFQFP<br/>In stock: 6757 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFCDFP#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LFQFP<br/>In stock: 5150 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F564MFDDFB#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 144LFQFP<br/>In stock: 5738 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFCDLK#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 177TFLGA<br/>In stock: 6750 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F564MFCDLK#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 145TFLGA<br/>In stock: 6363 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFDDFB#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 144LFQFP<br/>In stock: 6812 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F564MFCDFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LFQFP<br/>In stock: 6193 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFCDFB#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 144LFQFP<br/>In stock: 6972 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F564MFCDFC#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFQFP<br/>In stock: 6852 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFDDFC#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFQFP<br/>In stock: 3198 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F564MFDDBG#21</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFBGA<br/>In stock: 5914 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F564MFCDFC#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFQFP<br/>In stock: 5745 pcs<br/><div>RFQ</div></div> |