



Image may be representation. See specifications for product details.

R5F5651CDDFP#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F5651CDDFP#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | 32BIT MCU RX651 1.5MB QFP100 -40                                                                             |
| Datasheets:         |  1.R5F5651CDDFP#30.pdf      |
|                     |  2.R5F5651CDDFP#30.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7333 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

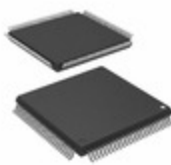
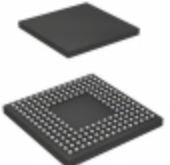
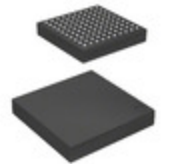
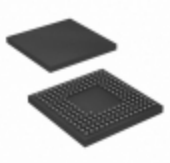
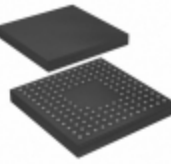
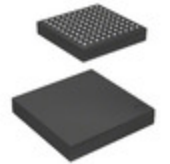
Specifications of R5F5651CDDFP#30

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F5651CDDFP#30                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | 32BIT MCU RX651 1.5MB QFP100 -40                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 7333 pcs                                                                                                  |
| DATA SHEET                       |  1.R5F5651CDDFP#30.pdf |
|                                  |  2.R5F5651CDDFP#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                         |
| SPEED                            | 120MHz                                                                                                    |
| SERIES                           | RX651                                                                                                     |
| RAM SIZE                         | 640K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M x 8)                                                                                          |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 100-LQFP                                                                                                  |
| 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                      | 32K x 8                                                                                                   |
| DETAILED DESCRIPTION             | RXv2 RX651 Microcontroller IC 32-Bit 120MHz 1.5MB (1.5M x 8) FLASH 100-LFQFP (14x14)                      |
| DATA CONVERTERS                  | A/D 22x12b, D/A 1x12b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | RXv2                                                                                                      |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, LINbus, MMC/SD, QSPI, SCI, SPI, UART/USART, USB                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F5651CDDFP#30 | R5F5651CDDFP#30 Distributor             | R5F5651CDDFP#30 Supplier                        |
| R5F5651CDDFP#30 Price                       | R5F5651CDDFP#30 Pictures                | R5F5651CDDFP#30 Image                           |
| R5F5651CDDFP#30 PDF Datasheet               | R5F5651CDDFP#30 Download Datasheet      | R5F5651CDDFP#30 Datasheet                       |
| R5F5651CDDFP#30 Stock                       | Buy R5F5651CDDFP#30                     | Buy Renesas Electronics America R5F5651CDDFP#30 |
| Renesas Electronics America R5F5651CDDFP#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F5651CDDFP#30 | Renesas Technology Corp R5F5651CDDFP#30 | Renesas R5F5651CDDFP#30                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F5651CDDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 MCU 1.5M 144QFP<br/>In stock: 7686 pcs</div> <div>RFQ</div>  |  <div><b>R5F5651EDDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 2MB QFP100 -40/8<br/>In stock: 6983 pcs</div> <div>RFQ</div> |
|  <div><b>R5F56519EDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 5490 pcs</div> <div>RFQ</div>   |  <div><b>R5F5651CDDBG#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 1.5MB BGA176 -40<br/>In stock: 6971 pcs</div> <div>RFQ</div> |
|  <div><b>R5F56519EDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 5076 pcs</div> <div>RFQ</div>   |  <div><b>R5F56519FDLJ#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LGA<br/>In stock: 6827 pcs</div> <div>RFQ</div>    |
|  <div><b>R5F5651EDDFC#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 2MB QFP176 -40/8<br/>In stock: 7060 pcs</div> <div>RFQ</div> |  <div><b>R5F5651CDDFC#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 1.5MB QFP176 -40<br/>In stock: 5767 pcs</div> <div>RFQ</div> |
|  <div><b>R5F5651EDDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 2MB QFP144 -40/8<br/>In stock: 6469 pcs</div> <div>RFQ</div> |  <div><b>R5F5651CDDLJ#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 1.5MB LGA177 -40<br/>In stock: 7482 pcs</div> <div>RFQ</div> |
|  <div><b>R5F5651CDDLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 1.5MB LGA145 -40<br/>In stock: 9691 pcs</div> <div>RFQ</div> |  <div><b>R5F5651CDDLJ#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 1.5MB LGA100 -40<br/>In stock: 8459 pcs</div> <div>RFQ</div> |