



Renesas Electronics America

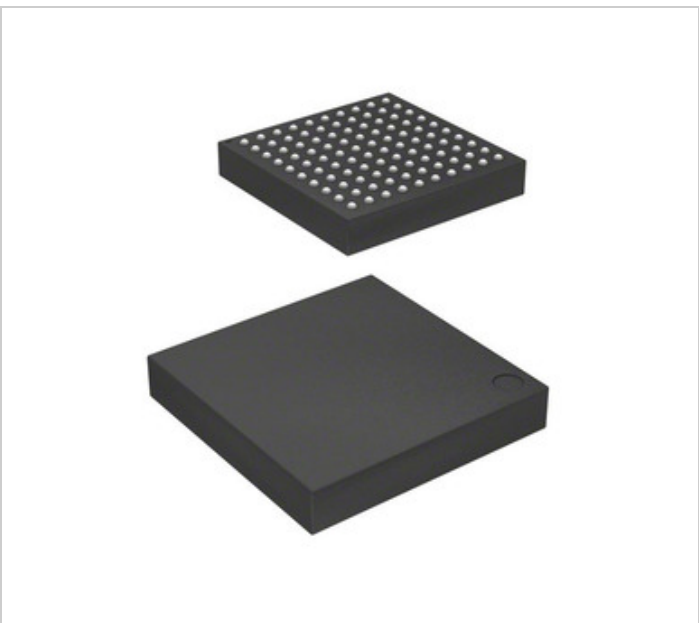


Image may be representation. See specifications for product details.

R5F565NCDDLJ#20

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F565NCDDLJ#20                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | 32BIT MCU RX65N 1.5MB LGA100 -40                                                                             |
| Datasheets:         |  1.R5F565NCDDLJ#20.pdf      |
|                     |  2.R5F565NCDDLJ#20.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

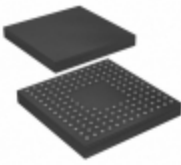
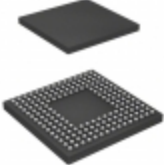
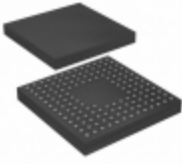
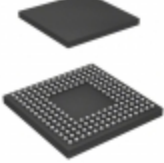
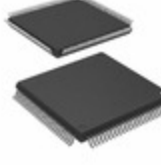
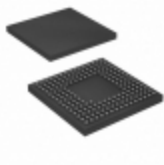
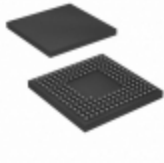
Specifications of R5F565NCDDLJ#20

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F565NCDDLJ#20                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                            |
| DESCRIPTION                      | 32BIT MCU RX65N 1.5MB LGA100 -40                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.R5F565NCDDLJ#20.pdf<br> 2.R5F565NCDDLJ#20.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-TFLGA (7x7)                                                                                                                                                                                                        |
| SPEED                            | 120MHz                                                                                                                                                                                                                 |
| SERIES                           | RX65N                                                                                                                                                                                                                  |
| 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-TFLGA                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 78                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 24 Weeks                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | 32K x 8                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | RXv2 RX65N Microcontroller IC 32-Bit 120MHz 1.5MB (1.5M 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, QSPI, SCI, SPI, UART/USART, USB                                                                                                                                        |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F565NCDDLJ#20 | R5F565NCDDLJ#20 Distributor             | R5F565NCDDLJ#20 Supplier                        |
| R5F565NCDDLJ#20 Price                       | R5F565NCDDLJ#20 Pictures                | R5F565NCDDLJ#20 Image                           |
| R5F565NCDDLJ#20 PDF Datasheet               | R5F565NCDDLJ#20 Download Datasheet      | R5F565NCDDLJ#20 Datasheet                       |
| R5F565NCDDLJ#20 Stock                       | Buy R5F565NCDDLJ#20                     | Buy Renesas Electronics America R5F565NCDDLJ#20 |
| Renesas Electronics America R5F565NCDDLJ#20 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F565NCDDLJ#20 | Renesas Technology Corp R5F565NCDDLJ#20 | Renesas R5F565NCDDLJ#20                         |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>R5F565NCDDLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB LGA145 -40<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F565NCDDBG#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB BGA176 -40<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F565NCDDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB QFP144 -40<br/>In stock: 25 pcs<br/><div>RFQ</div></div>    |  <div><b>R5F565N9BDLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 145LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>R5F565NCDDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB QFP100 -40<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F565NEDDBG#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 2MB 640KB BGA176<br/>In stock: 168 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F565NEDDFC#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 2MB 640KB QFP176<br/>In stock: 175 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F565NEDDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MCU RX65N 2M/640K 144LQFP 2CAN E<br/>In stock: 11 pcs<br/><div>RFQ</div></div>    |
|  <div><b>R5F565NEDDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MCU RX65N 2M/640K 100LQFP 2CAN E<br/>In stock: 7 pcs<br/><div>RFQ</div></div>     |  <div><b>R5F565NEDDLC#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 2MB 640KB LGA177<br/>In stock: 200 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F565NCDDFC#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB QFP176 -40<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F565NCDDLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX65N 1.5MB LGA177 -40<br/>In stock: Out stock<br/><div>RFQ</div></div> |