



R5F56519BDLJ#20

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F56519BDLJ#20                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 1MB FLASH 100LGA                                                                                |
|                     |  1.R5F56519BDLJ#20.pdf      |
|                     |  2.R5F56519BDLJ#20.pdf      |
|                     |  3.R5F56519BDLJ#20.pdf      |
|                     |  4.R5F56519BDLJ#20.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9865 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

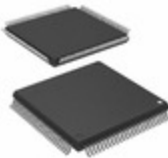
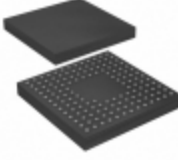
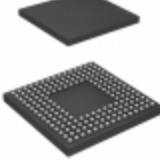
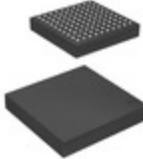
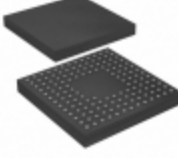
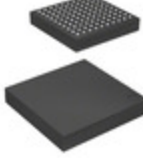
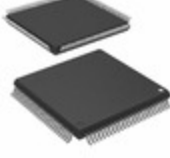
Specifications of R5F56519BDLJ#20

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | R5F56519BDLJ#20                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                   | Renesas Electronics America                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                    | IC MCU 32BIT 1MB FLASH 100LGA                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE             | 9865 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                     |  1.R5F56519BDLJ#20.pdf<br> 2.R5F56519BDLJ#20.pdf<br> 3.R5F56519BDLJ#20.pdf<br> 4.R5F56519BDLJ#20.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.7 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE        | 100-TFLGA (7x7)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                          | 120MHz                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SERIES                         | RX651                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                       | 256K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE            | 1MB (1M 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                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION           | RXv2 RX651 Microcontroller IC 32-Bit 120MHz 1MB (1M 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 R5F56519BDLJ#20 | R5F56519BDLJ#20 Distributor             | R5F56519BDLJ#20 Supplier                        |
| R5F56519BDLJ#20 Price                       | R5F56519BDLJ#20 Pictures                | R5F56519BDLJ#20 Image                           |
| R5F56519BDLJ#20 PDF Datasheet               | R5F56519BDLJ#20 Download Datasheet      | R5F56519BDLJ#20 Datasheet                       |
| R5F56519BDLJ#20 Stock                       | Buy R5F56519BDLJ#20                     | Buy Renesas Electronics America R5F56519BDLJ#20 |
| Renesas Electronics America R5F56519BDLJ#20 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F56519BDLJ#20 | Renesas Technology Corp R5F56519BDLJ#20 | Renesas R5F56519BDLJ#20                         |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F56519BDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 8165 pcs<br/>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<br/>RFQ</div>   |
|  <div><b>R5F56519ADLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 145LGA<br/>In stock: 9661 pcs<br/>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<br/>RFQ</div> |
|  <div><b>R5F5651CDDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 32BIT MCU RX651 MCU 1.5M 144QFP<br/>In stock: 7686 pcs<br/>RFQ</div> |  <div><b>R5F56519ADLJ#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LGA<br/>In stock: 12140 pcs<br/>RFQ</div>   |
|  <div><b>R5F56519BDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7266 pcs<br/>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<br/>RFQ</div>   |
|  <div><b>R5F56519BDLK#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 145LGA<br/>In stock: 10125 pcs<br/>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<br/>RFQ</div>    |
|  <div><b>R5F56519ADFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144QFP<br/>In stock: 8852 pcs<br/>RFQ</div>   |  <div><b>R5F56519ADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 8441 pcs<br/>RFQ</div>   |