



Renesas Electronics America



R5F524UBADFB#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F524UBADFB#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | RX24U 256KB/32KB 144LQFP -40_+85                                                                             |
| Datasheets:         |  R5F524UBADFB#30.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10463 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

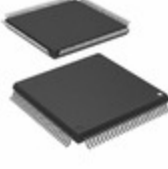
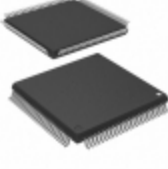
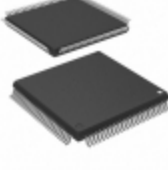
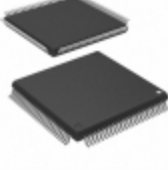
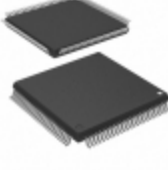
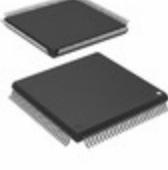
Specifications of R5F524UBADFB#30

|                                |                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | R5F524UBADFB#30                                                                                         |
| MANUFACTURER                   | Renesas Electronics America                                                                             |
| DESCRIPTION                    | RX24U 256KB/32KB 144LQFP -40_+85                                                                        |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE             | 10463 pcs                                                                                               |
| DATA SHEET                     |  R5F524UBADFB#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE        | 144-LFQFP (20x20)                                                                                       |
| SPEED                          | 80MHz                                                                                                   |
| SERIES                         | RX200                                                                                                   |
| RAM SIZE                       | 32K x 8                                                                                                 |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE            | 256KB (256K 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                  | 110                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                    | 8K x 8                                                                                                  |
| DETAILED DESCRIPTION           | RXv2 RX200 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 144-LFQFP (20x20)                     |
| DATA CONVERTERS                | A/D 22x12b, D/A 2x8b                                                                                    |
| CORE SIZE                      | 32-Bit                                                                                                  |
| CORE PROCESSOR                 | RXv2                                                                                                    |
| CONNECTIVITY                   | CANbus, I²C, SCI, SPI                                                                                   |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F524UBADFB#30 | R5F524UBADFB#30 Distributor             | R5F524UBADFB#30 Supplier                        |
| R5F524UBADFB#30 Price                       | R5F524UBADFB#30 Pictures                | R5F524UBADFB#30 Image                           |
| R5F524UBADFB#30 PDF Datasheet               | R5F524UBADFB#30 Download Datasheet      | R5F524UBADFB#30 Datasheet                       |
| R5F524UBADFB#30 Stock                       | Buy R5F524UBADFB#30                     | Buy Renesas Electronics America R5F524UBADFB#30 |
| Renesas Electronics America R5F524UBADFB#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F524UBADFB#30 | Renesas Technology Corp R5F524UBADFB#30 | Renesas R5F524UBADFB#30                         |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F524TAADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 15427 pcs<br/><div>RFQ</div></div> |  <div><b>R5F524UCADFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 11789 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524UEADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 9464 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F524TAADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5958 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F56104VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 8459 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F524TBADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14329 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524TAADFN#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 14661 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F524UEADFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 8396 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F524TCADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 13889 pcs<br/><div>RFQ</div></div> |  <div><b>R5F524UBADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 17329 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524TEADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 10924 pcs<br/><div>RFQ</div></div> |  <div><b>R5F524UCADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 12745 pcs<br/><div>RFQ</div></div> |