



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F563TCBDFP#V1

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F563TCBDFP#V1                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                           |
| Product description | IC MCU 32BIT 384KB FLASH 100LQFP                                                                                      |
| Datasheets:         |  <a href="#">R5F563TCBDFP#V1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 11853 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

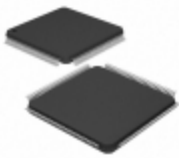
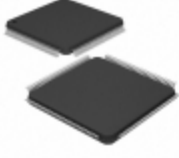
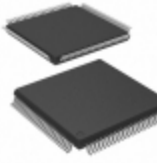
Specifications of R5F563TCBDFP#V1

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F563TCBDFP#V1                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 100LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 11853 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">R5F563TCBDFP#V1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                        |
| SPEED                            | 100MHz                                                                                                                  |
| SERIES                           | RX600                                                                                                                   |
| RAM SIZE                         | 32K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 384KB (384K 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                    | 57                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | 32K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | RX RX600 Microcontroller IC 32-Bit 100MHz 384KB (384K x 8) FLASH 100-LQFP (14x14)                                       |
| DATA CONVERTERS                  | A/D 12x10b, 8x12b, D/A 2x10b                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | RX                                                                                                                      |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, SPI, USB                                                                |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F563TCBDFP#V1 | R5F563TCBDFP#V1 Distributor             | R5F563TCBDFP#V1 Supplier                        |
| R5F563TCBDFP#V1 Price                       | R5F563TCBDFP#V1 Pictures                | R5F563TCBDFP#V1 Image                           |
| R5F563TCBDFP#V1 PDF Datasheet               | R5F563TCBDFP#V1 Download Datasheet      | R5F563TCBDFP#V1 Datasheet                       |
| R5F563TCBDFP#V1 Stock                       | Buy R5F563TCBDFP#V1                     | Buy Renesas Electronics America R5F563TCBDFP#V1 |
| Renesas Electronics America R5F563TCBDFP#V1 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F563TCBDFP#V1 | Renesas Technology Corp R5F563TCBDFP#V1 | Renesas R5F563TCBDFP#V1                         |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>R5F563TCDDFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 10631 pcs<br/><div>RFQ</div></div> |  <div><b>R5F563TCBDFH#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 112LQFP<br/>In stock: 10035 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F563TCBDFH#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 10190 pcs<br/><div>RFQ</div></div> |  <div><b>R5F563TCDDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 12072 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F563TCBDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 9594 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F563TCDDFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 10294 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F563TCBDFB#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 12624 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F563TCDDFH#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 112LQFP<br/>In stock: 10303 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F563TCDDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 11421 pcs<br/><div>RFQ</div></div> |  <div><b>R5F563TCDDFH#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 112LQFP<br/>In stock: 9003 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F563TCBDFH#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 112LQFP<br/>In stock: 11558 pcs<br/><div>RFQ</div></div> |  <div><b>R5F563TCBDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 11109 pcs<br/><div>RFQ</div></div> |