



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F64175DFD#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F64175DFD#U0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 384KB FLASH 144QFP                                                                              |
| Datasheets:         |  1.R5F64175DFD#U0.pdf       |
|                     |  2.R5F64175DFD#U0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4224 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

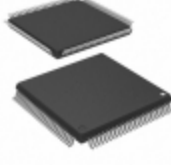
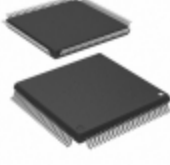
Specifications of R5F64175DFD#U0

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F64175DFD#U0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 144QFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 4224 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F64175DFD#U0.pdf |
|                                  |  2.R5F64175DFD#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 144-LFQFP (20x20)                                                                                        |
| SPEED                            | 50MHz                                                                                                    |
| SERIES                           | M16C/R32C/100/117                                                                                        |
| RAM SIZE                         | 40K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                         |
| PERIPHERALS                      | DMA, LVD, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 144-LQFP                                                                                                 |
| OTHER NAMES                      | R5F64175DFDU0                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 120                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | R32C/100 M16C/R32C/100/117 Microcontroller IC 16/32-Bit 50MHz 384KB (384K x 8) FLASH 144-LFQFP (20x20)   |
| DATA CONVERTERS                  | A/D 34x10b, D/A 2x8b                                                                                     |
| CORE SIZE                        | 16/32-Bit                                                                                                |
| CORE PROCESSOR                   | R32C/100                                                                                                 |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IEBus, UART/USART                                                     |
| BASE PART NUMBER                 | R5F64175                                                                                                 |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F64175DFD#U0 | R5F64175DFD#U0 Distributor             | R5F64175DFD#U0 Supplier                        |
| R5F64175DFD#U0 Price                       | R5F64175DFD#U0 Pictures                | R5F64175DFD#U0 Image                           |
| R5F64175DFD#U0 PDF Datasheet               | R5F64175DFD#U0 Download Datasheet      | R5F64175DFD#U0 Datasheet                       |
| R5F64175DFD#U0 Stock                       | Buy R5F64175DFD#U0                     | Buy Renesas Electronics America R5F64175DFD#U0 |
| Renesas Electronics America R5F64175DFD#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F64175DFD#U0 | Renesas Technology Corp R5F64175DFD#U0 | Renesas R5F64175DFD#U0                         |

Related Products

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|  <div><b>R5F64175DFB#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 5948 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F64177DFD#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 640KB FLASH 144QFP<br/>In stock: 6439 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F6416MADFE#UA</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFQFP<br/>In stock: 3805 pcs<br/><div>RFQ</div></div> |  <div><b>R5F64175DFD#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144QFP<br/>In stock: 4687 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F64176DFB#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 5400 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F64175DFB#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 4292 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F64177DFB#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 640KB FLASH 100QFP<br/>In stock: 3913 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F64176DFB#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 5726 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F64169DFD#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LFQFP<br/>In stock: 6259 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F64176PFB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU LQFP<br/>In stock: 5845 pcs<br/><div>RFQ</div></div>                        |
|  <div><b>R5F6416MADFD#UA</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LFQFP<br/>In stock: 5655 pcs<br/><div>RFQ</div></div> |  <div><b>R5F64169DFD#UB</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LFQFP<br/>In stock: 5605 pcs<br/><div>RFQ</div></div> |