



Renesas Electronics America



R5F21344MDFP#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F21344MDFP#V0                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 48LFQFP                                                                              |
| Datasheets:         |  R5F21344MDFP#V0.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5295 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of R5F21344MDFP#V0

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F21344MDFP#V0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 48LFQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 5295 pcs                                                                                                |
| DATA SHEET                       |  R5F21344MDFP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 48-LFQFP (7x7)                                                                                          |
| SPEED                            | 20MHz                                                                                                   |
| SERIES                           | R8C/3x/34M                                                                                              |
| RAM SIZE                         | 1.5K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                          |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 48-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 43                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 4K x 8                                                                                                  |
| DETAILED DESCRIPTION             | R8C R8C/3x/34M Microcontroller IC 16-Bit 20MHz 16KB (16K x 8) FLASH 48-LFQFP (7x7)                      |
| DATA CONVERTERS                  | A/D 12x10b; D/A 2x8b                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                  |
| CORE PROCESSOR                   | R8C                                                                                                     |
| CONNECTIVITY                     | I²C, LINbus, SIO, SSU, UART/USART                                                                       |
| BASE PART NUMBER                 | R5F21344                                                                                                |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F21344MDFP#V0 | R5F21344MDFP#V0 Distributor             | R5F21344MDFP#V0 Supplier                        |
| R5F21344MDFP#V0 Price                       | R5F21344MDFP#V0 Pictures                | R5F21344MDFP#V0 Image                           |
| R5F21344MDFP#V0 PDF Datasheet               | R5F21344MDFP#V0 Download Datasheet      | R5F21344MDFP#V0 Datasheet                       |
| R5F21344MDFP#V0 Stock                       | Buy R5F21344MDFP#V0                     | Buy Renesas Electronics America R5F21344MDFP#V0 |
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| Renesas Electronics America R5F21344MDFP#V0 | Renesas Technology Corp R5F21344MDFP#V0 | Renesas R5F21344MDFP#V0                         |

Related Products

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| <div></div> <div><b>R5F21345MNFP#X4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 48LFQFP<br/>In stock: 3902 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21346CNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 4878 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21345MNFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 48LFQFP<br/>In stock: 4388 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21344CNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 6700 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21344CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 18891 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F21344CDFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 3723 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21344MDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 3563 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21336TNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 5684 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F21345CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 48LFQFP<br/>In stock: 6041 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21345CNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 48LFQFP<br/>In stock: 6681 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21346CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 5160 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21344CDFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 42000 pcs</div> <div>RFQ</div> |