



Renesas Electronics America



R5F21368CDFA#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F21368CDFA#U0                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 64KB FLASH 64LQFP                                                                               |
| Datasheets:         |  1.R5F21368CDFA#U0.pdf      |
|                     |  2.R5F21368CDFA#U0.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5849 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F21368CDFA#U0

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F21368CDFA#U0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 5849 pcs                                                                                                  |
| DATA SHEET                       |  1.R5F21368CDFA#U0.pdf |
|                                  |  2.R5F21368CDFA#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (14x14)                                                                                           |
| SPEED                            | 20MHz                                                                                                     |
| SERIES                           | R8C/3x/36C                                                                                                |
| RAM SIZE                         | 6K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                            |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                             |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 59                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | 4K x 8                                                                                                    |
| DETAILED DESCRIPTION             | R8C R8C/3x/36C Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 64-LQFP (14x14)                       |
| 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                 | R5F21368                                                                                                  |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F21368CDFA#U0 | R5F21368CDFA#U0 Distributor             | R5F21368CDFA#U0 Supplier                        |
| R5F21368CDFA#U0 Price                       | R5F21368CDFA#U0 Pictures                | R5F21368CDFA#U0 Image                           |
| R5F21368CDFA#U0 PDF Datasheet               | R5F21368CDFA#U0 Download Datasheet      | R5F21368CDFA#U0 Datasheet                       |
| R5F21368CDFA#U0 Stock                       | Buy R5F21368CDFA#U0                     | Buy Renesas Electronics America R5F21368CDFA#U0 |
| Renesas Electronics America R5F21368CDFA#U0 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F21368CDFA#U0 | Renesas Technology Corp R5F21368CDFA#U0 | Renesas R5F21368CDFA#U0                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>R5F21367CNFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: 3246 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21368CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 22595 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21367CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: 5883 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21368CNFA#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 5808 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21368CDFA#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 12980 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F21368CNFA#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 6588 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21368CDFA#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 5477 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21368CNFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 14074 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21368CNFA#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 23550 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F21367CNFA#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: 2908 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F21368CNFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 5833 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21367CDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: 4306 pcs</div> <div>RFQ</div>  |