



Renesas Electronics America



R5F21356CDFP#X6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F21356CDFP#X6                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 52LQFP                                                                               |
| Datasheets:         |  R5F21356CDFP#X6.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3025 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F21356CDFP#X6

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F21356CDFP#X6                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 52LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 3025 pcs                                                                                                |
| DATA SHEET                       |  R5F21356CDFP#X6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 52-LQFP (10x10)                                                                                         |
| SPEED                            | 20MHz                                                                                                   |
| SERIES                           | R8C/3x/35C                                                                                              |
| RAM SIZE                         | 2.5K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                          |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 52-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 47                                                                                                      |
| 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/35C Microcontroller IC 16-Bit 20MHz 32KB (32K x 8) FLASH 52-LQFP (10x10)                     |
| 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                 | R5F21356                                                                                                |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F21356CDFP#X6 | R5F21356CDFP#X6 Distributor             | R5F21356CDFP#X6 Supplier                        |
| R5F21356CDFP#X6 Price                       | R5F21356CDFP#X6 Pictures                | R5F21356CDFP#X6 Image                           |
| R5F21356CDFP#X6 PDF Datasheet               | R5F21356CDFP#X6 Download Datasheet      | R5F21356CDFP#X6 Datasheet                       |
| R5F21356CDFP#X6 Stock                       | Buy R5F21356CDFP#X6                     | Buy Renesas Electronics America R5F21356CDFP#X6 |
| Renesas Electronics America R5F21356CDFP#X6 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F21356CDFP#X6 | Renesas Technology Corp R5F21356CDFP#X6 | Renesas R5F21356CDFP#X6                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F21355CNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 52LQFP<br/>In stock: 6096 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21356CDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 6178 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21356CNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 7020 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21355DNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 52LQFP<br/>In stock: 4387 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21356CNFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 30544 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F21356MNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 4001 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21356CDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 3716 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21355DNFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 52LQFP<br/>In stock: 6711 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21356CDFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 5601 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21356CNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 3410 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F21356CNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 6265 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F21356MNFP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 5317 pcs</div> <div>RFQ</div> |