



Image may be representation. See specifications for product details.

R5F21265SDFP#X6

|                     |                                       |
|---------------------|---------------------------------------|
| Part Number:        | R5F21265SDFP#X6                       |
| Manufacturer/Brand: | Renesas Electronics America           |
| Product description | IC MCU 16BIT 24KB FLASH 32LQFP        |
|                     | <a href="#">1.R5F21265SDFP#X6.pdf</a> |
|                     | <a href="#">2.R5F21265SDFP#X6.pdf</a> |
| Datasheets:         | Lead free / RoHS Compliant            |
| RoHs Status         |                                       |
| Stock Condition     | 4614 pcs stock                        |
| Ship From           | Hong Kong                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                 |

REQUEST FOR QUOTATION

Specifications of R5F21265SDFP#X6

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | R5F21265SDFP#X6                                                                  |
| MANUFACTURER                     | Renesas Electronics America                                                      |
| DESCRIPTION                      | IC MCU 16BIT 24KB FLASH 32LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 4614 pcs                                                                         |
| DATA SHEET                       | <a href="#">1.R5F21265SDFP#X6.pdf</a><br><a href="#">2.R5F21265SDFP#X6.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                    |
| SPEED                            | 20MHz                                                                            |
| SERIES                           | R8C/2x/26                                                                        |
| RAM SIZE                         | 1.5K x 8                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 24KB (24K x 8)                                                                   |
| PERIPHERALS                      | LED, POR, Voltage Detect, WDT                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                 |
| PACKAGE / CASE                   | 32-LQFP                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| NUMBER OF I/O                    | 25                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | R8C R8C/2x/26 Microcontroller IC 16-Bit 20MHz 24KB (24K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 12x10b                                                                       |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | R8C                                                                              |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                   |
| BASE PART NUMBER                 | R5F2126                                                                          |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F21265SDFP#X6 | R5F21265SDFP#X6 Distributor             | R5F21265SDFP#X6 Supplier                        |
| R5F21265SDFP#X6 Price                       | R5F21265SDFP#X6 Pictures                | R5F21265SDFP#X6 Image                           |
| R5F21265SDFP#X6 PDF Datasheet               | R5F21265SDFP#X6 Download Datasheet      | R5F21265SDFP#X6 Datasheet                       |
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| Renesas Electronics America R5F21265SDFP#X6 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F21265SDFP#X6 | Renesas Technology Corp R5F21265SDFP#X6 | Renesas R5F21265SDFP#X6                         |

Related Products

|                                                                                                                                                                 |                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>R5F21264SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 30902 pcs</p> <p>RFQ</p> | <p><b>R5F21265SDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4482 pcs</p> <p>RFQ</p>  |
| <p><b>R5F21264SDFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 30902 pcs</p> <p>RFQ</p> | <p><b>R5F21266JFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 2804 pcs</p> <p>RFQ</p>   |
| <p><b>R5F21265SNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4350 pcs</p> <p>RFQ</p>  | <p><b>R5F21265SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 5839 pcs</p> <p>RFQ</p>  |
| <p><b>R5F21266KFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 23963 pcs</p> <p>RFQ</p>  | <p><b>R5F21264SNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 35869 pcs</p> <p>RFQ</p> |
| <p><b>R5F21265SYFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 3964 pcs</p> <p>RFQ</p>  | <p><b>R5F21264SYFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 5281 pcs</p> <p>RFQ</p>  |
| <p><b>R5F21264SYFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 4271 pcs</p> <p>RFQ</p>  | <p><b>R5F21265SYFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4139 pcs</p> <p>RFQ</p>  |