

R4F24568NVFQV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R4F24568NVFQV                                                                                                |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 256KB FLASH 144QFP                                                                              |
| Datasheets:         |  R4F24568NVFQV.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6702 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 R4F24568NVFQV

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R4F24568NVFQV                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 144QFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 6702 pcs                                                                                              |
| DATA SHEET                       |  R4F24568NVFQV.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                      |
| SPEED                            | 32MHz                                                                                                 |
| SERIES                           | H8® H8S/2400                                                                                          |
| RAM SIZE                         | 48K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                      |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                    |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 144-LQFP                                                                                              |
| OSCILLATOR TYPE                  | External                                                                                              |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                     |
| NUMBER OF I/O                    | 96                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | H8S/2600 H8® H8S/2400 Microcontroller IC 16-Bit 32MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)         |
| DATA CONVERTERS                  | A/D 16x10b; D/A 2x8b                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                |
| CORE PROCESSOR                   | H8S/2600                                                                                              |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SCI, SSU, UART/USART, USB                                                         |
| BASE PART NUMBER                 | R4F24568                                                                                              |

Related Tags

|                                           |                                       |                                               |
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| Renesas Electronics America R4F24568NVFQV | R4F24568NVFQV Distributor             | R4F24568NVFQV Supplier                        |
| R4F24568NVFQV Price                       | R4F24568NVFQV Pictures                | R4F24568NVFQV Image                           |
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| Renesas Electronics America R4F24568NVFQV | Renesas Technology Corp R4F24568NVFQV | Renesas R4F24568NVFQV                         |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R4F24545NVFPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 120LQFP<br/>In stock: 6214 pcs<br/><b>RFQ</b></div>  |  <div><b>R4F24568NVRFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 144QFP<br/>In stock: 7771 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R4F2462VFQ34V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144QFP<br/>In stock: 6013 pcs<br/><b>RFQ</b></div>   |  <div><b>R4F24569DVRFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 144QFP<br/>In stock: 7162 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R4F2463VTE34DV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144TQFP<br/>In stock: 6559 pcs<br/><b>RFQ</b></div> |  <div><b>R4F24278DVRFQU</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144QFP<br/>In stock: 6875 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R4F24279NVFQU</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br/>In stock: 7503 pcs<br/><b>RFQ</b></div>  |  <div><b>R4F24568NFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 144QFP<br/>In stock: 6466 pcs<br/><b>RFQ</b></div>    |
|  <div><b>R4F24565NVFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 144QFP<br/>In stock: 5190 pcs<br/><b>RFQ</b></div>   |  <div><b>R4F24568NVZFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 144QFP<br/>In stock: 12076 pcs<br/><b>RFQ</b></div> |
|  <div><b>R4F24569NVFQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 144QFP<br/>In stock: 7208 pcs<br/><b>RFQ</b></div>   |  <div><b>R4F24278NVFQU</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 144QFP<br/>In stock: 9229 pcs<br/><b>RFQ</b></div>   |