



Renesas Electronics America



R5F10NLGDFB#50

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10NLGDFB#50                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 128KB FLASH 64QFP                                                                               |
| Datasheets:         |  1.R5F10NLGDFB#50.pdf       |
|                     |  2.R5F10NLGDFB#50.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6985 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 R5F10NLGDFB#50

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10NLGDFB#50                                                                                                                                                                                                       |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 64QFP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 6985 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.R5F10NLGDFB#50.pdf<br> 2.R5F10NLGDFB#50.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-LFQFP (10x10)                                                                                                                                                                                                     |
| SPEED                            | 24MHz                                                                                                                                                                                                                |
| SERIES                           | RL78/I1C                                                                                                                                                                                                             |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                     |
| PERIPHERALS                      | LCD, LVD, POR, PWM, WDT                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | RL78 RL78/I1C Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) FLASH 64-LFQFP (10x10)                                                                                                                                |
| DATA CONVERTERS                  | A/D 4x10b, 4x24b                                                                                                                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                               |
| CORE PROCESSOR                   | RL78                                                                                                                                                                                                                 |
| CONNECTIVITY                     | CSI, I²C, IrDA, LINbus, UART/USART                                                                                                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10NLGDFB#50 | R5F10NLGDFB#50 Distributor             | R5F10NLGDFB#50 Supplier                        |
| R5F10NLGDFB#50 Price                       | R5F10NLGDFB#50 Pictures                | R5F10NLGDFB#50 Image                           |
| R5F10NLGDFB#50 PDF Datasheet               | R5F10NLGDFB#50 Download Datasheet      | R5F10NLGDFB#50 Datasheet                       |
| R5F10NLGDFB#50 Stock                       | Buy R5F10NLGDFB#50                     | Buy Renesas Electronics America R5F10NLGDFB#50 |
| Renesas Electronics America R5F10NLGDFB#50 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10NLGDFB#50 | Renesas Technology Corp R5F10NLGDFB#50 | Renesas R5F10NLGDFB#50                         |

Related Products

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|  <div><b>R5F10MPEDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: 29647 pcs<br/><div>RFQ</div></div> |  <div><b>R5F10NMGDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80QFP<br/>In stock: 3526 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F10NLEDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64QFP<br/>In stock: 6319 pcs<br/><div>RFQ</div></div>    |  <div><b>R5F10NMEDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: 3532 pcs<br/><div>RFQ</div></div>    |
|  <div><b>R5F10NLGDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64QFP<br/>In stock: 12592 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F10NMJDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: 6517 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F10NLEDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64QFP<br/>In stock: 3750 pcs<br/><div>RFQ</div></div>    |  <div><b>R5F10NMEDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: 4358 pcs<br/><div>RFQ</div></div>    |
|  <div><b>R5F10MPGDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 29284 pcs<br/><div>RFQ</div></div> |  <div><b>R5F10MPGDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 19946 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F10NMGDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80QFP<br/>In stock: 4263 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F10NMJDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: 2858 pcs<br/><div>RFQ</div></div>   |