



Renesas Electronics America



R5F10RG8GFB#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10RG8GFB#V0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT FLASH LQFP                                                                                      |
| Datasheets:         |  R5F10RG8GFB#V0.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7006 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 R5F10RG8GFB#V0

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10RG8GFB#V0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT FLASH LQFP                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 7006 pcs                                                                                               |
| DATA SHEET                       |  R5F10RG8GFB#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-LFQFP (7x7)                                                                                         |
| SPEED                            | 24MHz                                                                                                  |
| SERIES                           | RL78/L12                                                                                               |
| RAM SIZE                         | 1K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                           |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 48-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                     |
| NUMBER OF I/O                    | 33                                                                                                     |
| 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/L12 Microcontroller IC 16-Bit 24MHz 8KB (8K x 8) FLASH 48-LFQFP (7x7)                        |
| DATA CONVERTERS                  | A/D 9x8/10b                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                           |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10RG8GFB#V0 | R5F10RG8GFB#V0 Distributor             | R5F10RG8GFB#V0 Supplier                        |
| R5F10RG8GFB#V0 Price                       | R5F10RG8GFB#V0 Pictures                | R5F10RG8GFB#V0 Image                           |
| R5F10RG8GFB#V0 PDF Datasheet               | R5F10RG8GFB#V0 Download Datasheet      | R5F10RG8GFB#V0 Datasheet                       |
| R5F10RG8GFB#V0 Stock                       | Buy R5F10RG8GFB#V0                     | Buy Renesas Electronics America R5F10RG8GFB#V0 |
| Renesas Electronics America R5F10RG8GFB#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10RG8GFB#V0 | Renesas Technology Corp R5F10RG8GFB#V0 | Renesas R5F10RG8GFB#V0                         |

Related Products

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| <div></div> <div><b>R5F10RGAGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT FLASH LQFP<br/>In stock: 3209 pcs</div> <div>RFQ</div>          | <div></div> <div><b>R5F10RGCAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 48LFQFP<br/>In stock: 34462 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F10RFCAFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 44LQFP<br/>In stock: 34123 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F10RGAAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 40147 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F10RGAAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 48LFQFP<br/>In stock: 81338 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10RG8AFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 48LFQFP<br/>In stock: 37830 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F10RG8AFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 48LFQFP<br/>In stock: 3333 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F10RG8GFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT FLASH LQFP<br/>In stock: 5236 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>R5F10RFCAFP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 44LQFP<br/>In stock: 62444 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F10RFAGFP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/L12 16K/1K+2K 44QFP -40_+85<br/>In stock: 65006 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F10RGAGFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT FLASH LQFP<br/>In stock: 3740 pcs</div> <div>RFQ</div>          | <div></div> <div><b>R5F10RFCGFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/L12 32K/1.5K+2K 44QFP -40_+<br/>In stock: 60402 pcs</div> <div>RFQ</div> |