



Renesas Electronics America



R5F10RLCGFB#X0

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10RLCGFB#X0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT FLASH LQFP                                                                                              |
| Datasheets:         |  <a href="#">R5F10RLCGFB#X0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 5214 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 R5F10RLCGFB#X0

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10RLCGFB#X0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT FLASH LQFP                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 5214 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">R5F10RLCGFB#X0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                        |
| SPEED                            | 24MHz                                                                                                                  |
| SERIES                           | RL78/L12                                                                                                               |
| RAM SIZE                         | 1.5K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                         |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°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                      | 2K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | RL78 RL78/L12 Microcontroller IC 16-Bit 24MHz 32KB (32K x 8) FLASH 64-LQFP (10x10)                                     |
| DATA CONVERTERS                  | A/D 10x8/10b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                                           |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10RLCGFB#X0 | R5F10RLCGFB#X0 Distributor             | R5F10RLCGFB#X0 Supplier                        |
| R5F10RLCGFB#X0 Price                       | R5F10RLCGFB#X0 Pictures                | R5F10RLCGFB#X0 Image                           |
| R5F10RLCGFB#X0 PDF Datasheet               | R5F10RLCGFB#X0 Download Datasheet      | R5F10RLCGFB#X0 Datasheet                       |
| R5F10RLCGFB#X0 Stock                       | Buy R5F10RLCGFB#X0                     | Buy Renesas Electronics America R5F10RLCGFB#X0 |
| Renesas Electronics America R5F10RLCGFB#X0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10RLCGFB#X0 | Renesas Technology Corp R5F10RLCGFB#X0 | Renesas R5F10RLCGFB#X0                         |

Related Products

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| <div></div> <div><b>R5F10WLAAFA#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 74721 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10WLAAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 62147 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10RLCGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT FLASH LQFP<br/>In stock: 3368 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>R5F10WLAAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 5265 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>R5F10RLCAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 4175 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F10WLAAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 6267 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>R5F10RLCAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 32549 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10RLCAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 56271 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10WLAAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 72612 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10RLCAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 57029 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10WLAAFA#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 57816 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10RLCANB#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64HWQFN<br/>In stock: 34511 pcs<br/><div>RFQ</div></div> |