



Renesas Electronics America



R5F10RLAAFB#X0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10RLAAFB#X0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 64LQFP                                                                               |
| Datasheets:         |  R5F10RLAAFB#X0.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33811 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 R5F10RLAAFB#X0

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10RLAAFB#X0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 64LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 33811 pcs                                                                                              |
| DATA SHEET                       |  R5F10RLAAFB#X0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                        |
| SPEED                            | 24MHz                                                                                                  |
| SERIES                           | RL78/L12                                                                                               |
| RAM SIZE                         | 1K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                         |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                           |
| PACKAGING                        | Cut Tape (CT)                                                                                          |
| PACKAGE / CASE                   | 64-LQFP                                                                                                |
| OTHER NAMES                      | R5F10RLAAFB#X0CT                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 16KB (16K 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                                                                           |
| BASE PART NUMBER                 | R5F10RLAA                                                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10RLAAFB#X0 | R5F10RLAAFB#X0 Distributor             | R5F10RLAAFB#X0 Supplier                        |
| R5F10RLAAFB#X0 Price                       | R5F10RLAAFB#X0 Pictures                | R5F10RLAAFB#X0 Image                           |
| R5F10RLAAFB#X0 PDF Datasheet               | R5F10RLAAFB#X0 Download Datasheet      | R5F10RLAAFB#X0 Datasheet                       |
| R5F10RLAAFB#X0 Stock                       | Buy R5F10RLAAFB#X0                     | Buy Renesas Electronics America R5F10RLAAFB#X0 |
| Renesas Electronics America R5F10RLAAFB#X0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10RLAAFB#X0 | Renesas Technology Corp R5F10RLAAFB#X0 | Renesas R5F10RLAAFB#X0                         |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F10RJCGFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 2714 pcs</div> <div>RFQ</div>  |  <div><b>R5F10RJCGFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 4721 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F10RLCAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 56271 pcs</div> <div>RFQ</div> |  <div><b>R5F10RLAAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 47576 pcs</div> <div>RFQ</div> |
|  <div><b>R5F10RLAGFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT FLASH LQFP<br/>In stock: 2911 pcs</div> <div>RFQ</div>         |  <div><b>R5F10RLAGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 47248 pcs</div> <div>RFQ</div> |
|  <div><b>R5F10RLCAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 57029 pcs</div> <div>RFQ</div> |  <div><b>R5F10RLCAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 32549 pcs</div> <div>RFQ</div> |
|  <div><b>R5F10RLAAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 57864 pcs</div> <div>RFQ</div> |  <div><b>R5F10RJCGFA#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br/>In stock: 6389 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F10RLAANB#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 38315 pcs</div> <div>RFQ</div> |  <div><b>R5F10RLAAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br/>In stock: 64751 pcs</div> <div>RFQ</div> |