



R5F10RBAAFP#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10RBAAFP#30                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 32LQFP                                                                               |
| Datasheets:         |  R5F10RBAAFP#30.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4137 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F10RBAAFP#30

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10RBAAFP#30                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 32LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 4137 pcs                                                                                               |
| DATA SHEET                       |  R5F10RBAAFP#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                          |
| 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                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 32-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 20                                                                                                     |
| 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 32-LQFP (7x7)                       |
| DATA CONVERTERS                  | A/D 4x8/10b                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                           |
| BASE PART NUMBER                 | R5F10RBAA                                                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10RBAAFP#30 | R5F10RBAAFP#30 Distributor             | R5F10RBAAFP#30 Supplier                        |
| R5F10RBAAFP#30 Price                       | R5F10RBAAFP#30 Pictures                | R5F10RBAAFP#30 Image                           |
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| Renesas Electronics America R5F10RBAAFP#30 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10RBAAFP#30 | Renesas Technology Corp R5F10RBAAFP#30 | Renesas R5F10RBAAFP#30                         |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>R5F10RBAGFP#30</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 6548 pcs<br><b>RFQ</b> | <br><b>R5F10RBAAFP#V0</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 33277 pcs<br><b>RFQ</b> |
| <br><b>R5F10RB8GFP#50</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 8KB FLASH 32QFP<br>In stock: 6640 pcs<br><b>RFQ</b>   | <br><b>R5F10RBAAFP#X0</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 78292 pcs<br><b>RFQ</b> |
| <br><b>R5F10RB8AFP#V0</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br>In stock: 87747 pcs<br><b>RFQ</b> | <br><b>R5F10RBAAFP#50</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 4514 pcs<br><b>RFQ</b>  |
| <br><b>R5F10RB8GFP#30</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 8KB FLASH 32QFP<br>In stock: 4211 pcs<br><b>RFQ</b>   | <br><b>R5F10RB8GFP#V0</b><br>Manufacturers: Renesas Electronics America<br>Description: RL78/L12 8KB/1KB+2KB 32QFP<br>In stock: 67068 pcs<br><b>RFQ</b>     |
| <br><b>R5F10RBAGFP#50</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 4936 pcs<br><b>RFQ</b> | <br><b>R5F10RB8AFP#X0</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br>In stock: 95628 pcs<br><b>RFQ</b>  |
| <br><b>R5F10RBAGFP#V0</b><br>Manufacturers: Renesas Electronics America<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 6251 pcs<br><b>RFQ</b> | <br><b>R5F10RB8GFP#X0</b><br>Manufacturers: Renesas Electronics America<br>Description: RL78/L12 8KB/1KB+2KB 32QFP<br>In stock: 75217 pcs<br><b>RFQ</b>     |