



Renesas Electronics America



R5F10PLGKFB#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10PLGKFB#V0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 128KB FLASH 64LQFP                                                                              |
| Datasheets:         |  R5F10PLGKFB#V0.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17560 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 R5F10PLGKFB#V0

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10PLGKFB#V0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 64LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 17560 pcs                                                                                              |
| DATA SHEET                       |  R5F10PLGKFB#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                        |
| SPEED                            | 24MHz                                                                                                  |
| SERIES                           | RL78/F14                                                                                               |
| RAM SIZE                         | 10K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                       |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 64-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                     |
| NUMBER OF I/O                    | 52                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | 8K x 8                                                                                                 |
| DETAILED DESCRIPTION             | RL78 RL78/F14 Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)                   |
| DATA CONVERTERS                  | A/D 17x10b, D/A 1x8b                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                   |
| CONNECTIVITY                     | CANbus, CSI, I²C, LINbus, SPI, UART/USART                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10PLGKFB#V0 | R5F10PLGKFB#V0 Distributor             | R5F10PLGKFB#V0 Supplier                        |
| R5F10PLGKFB#V0 Price                       | R5F10PLGKFB#V0 Pictures                | R5F10PLGKFB#V0 Image                           |
| R5F10PLGKFB#V0 PDF Datasheet               | R5F10PLGKFB#V0 Download Datasheet      | R5F10PLGKFB#V0 Datasheet                       |
| R5F10PLGKFB#V0 Stock                       | Buy R5F10PLGKFB#V0                     | Buy Renesas Electronics America R5F10PLGKFB#V0 |
| Renesas Electronics America R5F10PLGKFB#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10PLGKFB#V0 | Renesas Technology Corp R5F10PLGKFB#V0 | Renesas R5F10PLGKFB#V0                         |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F10PPHLFB#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/F14 100PIN LQFP 192K -40-10<br/>In stock: 17806 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10PGGLFB#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78(AUTO)/F13_F14 A04<br/>In stock: 2919 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F10PPGLFB#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78(AUTO)/F13_F14<br/>In stock: 19095 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>R5F10PGJLFB#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 48LFQFP<br/>In stock: 7092 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F10PGGKNA#W5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/F14 MCU 48PIN QFN 128K<br/>In stock: 23456 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>R5F10PPJLFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4759 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F10PGJLFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 48LFQFP<br/>In stock: 13457 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F10NPJDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 6788 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10PMJLFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 80LQFP<br/>In stock: 4939 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F10PLHLFB#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 64LQFP<br/>In stock: 37206 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F10NPJDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 5808 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F10PLHLFB#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 64LQFP<br/>In stock: 5032 pcs<br/><div>RFQ</div></div>  |