



Renesas Electronics America



R5F100PFAFB#50

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F100PFAFB#50                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 96KB FLASH 100LQFP                                                                              |
| Datasheets:         |  1.R5F100PFAFB#50.pdf       |
|                     |  2.R5F100PFAFB#50.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4026 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 R5F100PFAFB#50

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F100PFAFB#50                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 100LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 4026 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F100PFAFB#50.pdf |
|                                  |  2.R5F100PFAFB#50.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                         |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | RL78/G13                                                                                                 |
| RAM SIZE                         | 8K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 100-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 82                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 100-LQFP (14x14)                      |
| DATA CONVERTERS                  | A/D 20x8/10b                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | RL78                                                                                                     |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                             |
| BASE PART NUMBER                 | R5F100                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F100PFAFB#50 | R5F100PFAFB#50 Distributor             | R5F100PFAFB#50 Supplier                        |
| R5F100PFAFB#50 Price                       | R5F100PFAFB#50 Pictures                | R5F100PFAFB#50 Image                           |
| R5F100PFAFB#50 PDF Datasheet               | R5F100PFAFB#50 Download Datasheet      | R5F100PFAFB#50 Datasheet                       |
| R5F100PFAFB#50 Stock                       | Buy R5F100PFAFB#50                     | Buy Renesas Electronics America R5F100PFAFB#50 |
| Renesas Electronics America R5F100PFAFB#50 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100PFAFB#50 | Renesas Technology Corp R5F100PFAFB#50 | Renesas R5F100PFAFB#50                         |

Related Products

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| <div></div> <div><b>R5F100PFAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 26165 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F100PFAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 18687 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100MKDFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 384KB/24KB+8KB 80QFP -4<br/>In stock: 23906 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100MLAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 80LQFP<br/>In stock: 14697 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100PFAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 3534 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F100MLAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 80LQFP<br/>In stock: 24792 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100PFDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 5086 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F100PFDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 26300 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100PFAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3172 pcs</div> <div>RFQ</div>                      | <div></div> <div><b>R5F100MLAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 80LQFP<br/>In stock: 11493 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100PFDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 3073 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F100PFDFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 23396 pcs</div> <div>RFQ</div> |