



Renesas Electronics America



R5F100MLAFA#V0

Part Number:R5F100MLAFA#V0

Manufacturer/Brand:Renesas Electronics America

Product descriptionIC MCU 16BIT 512KB FLASH 80LQFP

Datasheets:

PDF

1.R5F100MLAFA#V0.pdf

PDF

2.R5F100MLAFA#V0.pdf

RoHs Status

RoHS

Lead free / RoHS Compliant

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

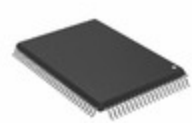
Specifications of R5F100MLAFA#V0

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F100MLAFA#V0                                                                              |
| MANUFACTURER                     | Renesas Electronics America                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 80LQFP                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| DATA SHEET                       | <div><div>PDF</div>1.R5F100MLAFA#V0.pdf</div> <div><div>PDF</div>2.R5F100MLAFA#V0.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (14x14)                                                                             |
| SPEED                            | 32MHz                                                                                       |
| SERIES                           | RL78/G13                                                                                    |
| RAM SIZE                         | 32K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                            |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                        |
| PACKAGE / CASE                   | 80-LQFP                                                                                     |
| OTHER NAMES                      | R5F100MLAFAV0                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                           |
| NUMBER OF I/O                    | 64                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 24 Weeks                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| EEPROM SIZE                      | -                                                                                           |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 512KB (512K x 8) FLASH 80-LQFP (14x14)        |
| DATA CONVERTERS                  | A/D 17x8/10b                                                                                |
| CORE SIZE                        | 16-Bit                                                                                      |
| CORE PROCESSOR                   | RL78                                                                                        |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                |
| BASE PART NUMBER                 | R5F100                                                                                      |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F100MLAFA#V0 | R5F100MLAFA#V0 Distributor             | R5F100MLAFA#V0 Supplier                        |
| R5F100MLAFA#V0 Price                       | R5F100MLAFA#V0 Pictures                | R5F100MLAFA#V0 Image                           |
| R5F100MLAFA#V0 PDF Datasheet               | R5F100MLAFA#V0 Download Datasheet      | R5F100MLAFA#V0 Datasheet                       |
| R5F100MLAFA#V0 Stock                       | Buy R5F100MLAFA#V0                     | Buy Renesas Electronics America R5F100MLAFA#V0 |
| Renesas Electronics America R5F100MLAFA#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100MLAFA#V0 | Renesas Technology Corp R5F100MLAFA#V0 | Renesas R5F100MLAFA#V0                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F100MKAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>R5F100MJAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F100PFAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 14 pcs</div> <div>RFQ</div>    | <div></div> <div><b>R5F100PFAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock</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: Out stock</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: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100MKAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 80LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>R5F100MJGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 80LQFP<br/>In stock: Out stock</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: Out stock</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: 362 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>R5F100PFAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>R5F100MKDFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 384KB/24KB+8KB 80QFP -4<br/>In stock: Out stock</div> <div>RFQ</div> |