



Renesas Electronics America

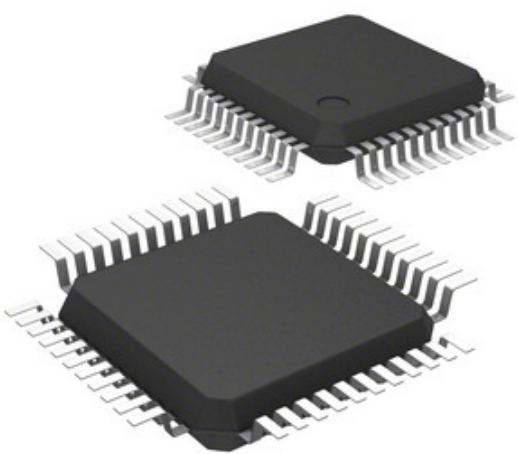


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|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F101FADFP#V0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 44LQFP                                                                               |
| Datasheets:         |  R5F101FADFP#V0.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 54302 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F101FADFP#V0

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F101FADFP#V0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 44LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 54302 pcs                                                                                              |
| DATA SHEET                       |  R5F101FADFP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-LQFP (10x10)                                                                                        |
| SPEED                            | 32MHz                                                                                                  |
| SERIES                           | RL78/G13                                                                                               |
| RAM SIZE                         | 2K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 44-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 31                                                                                                     |
| 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 16KB (16K x 8) FLASH 44-LQFP (10x10)                     |
| DATA CONVERTERS                  | A/D 10x8/10b                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                           |
| BASE PART NUMBER                 | R5F101                                                                                                 |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F101FADFP#V0 | R5F101FADFP#V0 Distributor             | R5F101FADFP#V0 Supplier                        |
| R5F101FADFP#V0 Price                       | R5F101FADFP#V0 Pictures                | R5F101FADFP#V0 Image                           |
| R5F101FADFP#V0 PDF Datasheet               | R5F101FADFP#V0 Download Datasheet      | R5F101FADFP#V0 Datasheet                       |
| R5F101FADFP#V0 Stock                       | Buy R5F101FADFP#V0                     | Buy Renesas Electronics America R5F101FADFP#V0 |
| Renesas Electronics America R5F101FADFP#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F101FADFP#V0 | Renesas Technology Corp R5F101FADFP#V0 | Renesas R5F101FADFP#V0                         |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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| <div><div><b>R5F101FAAFP#50</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 79882 pcs</p><div>RFQ</div></div></div> | <div><div><b>R5F101FAAFP#30</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 61569 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>R5F101FADFP#X0</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 6109 pcs</p><div>RFQ</div></div></div>  | <div><div><b>R5F101FCAFP#30</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 32KB FLASH 44LQFP</p><p>In stock: 5854 pcs</p><div>RFQ</div></div></div>  |
| <div><div><b>R5F101FAAFP#V0</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 34093 pcs</p><div>RFQ</div></div></div> | <div><div><b>R5F101FCAFP#X0</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 32KB FLASH 44LQFP</p><p>In stock: 4328 pcs</p><div>RFQ</div></div></div>  |
| <div><div><b>R5F101FADFP#50</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 3932 pcs</p><div>RFQ</div></div></div>  | <div><div><b>R5F101FAAFP#X0</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 85595 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>R5F101FCDFP#30</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 32KB FLASH 44LQFP</p><p>In stock: 3487 pcs</p><div>RFQ</div></div></div>  | <div><div><b>R5F101FCAFP#V0</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 32KB FLASH 44LQFP</p><p>In stock: 62304 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>R5F101FADFP#30</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 16KB FLASH 44LQFP</p><p>In stock: 4946 pcs</p><div>RFQ</div></div></div>  | <div><div><b>R5F101FCAFP#50</b><p>Manufacturers: Renesas Electronics America</p><p>Description: IC MCU 16BIT 32KB FLASH 44LQFP</p><p>In stock: 6129 pcs</p><div>RFQ</div></div></div>  |