



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F100GFDFB#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F100GFDFB#30                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 96KB FLASH 48LFQFP                                                                              |
| Datasheets:         |  1.R5F100GFDFB#30.pdf       |
|                     |  2.R5F100GFDFB#30.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5508 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

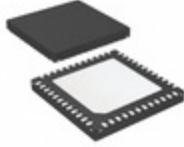
Specifications of R5F100GFDFB#30

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F100GFDFB#30                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 48LFQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 5508 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F100GFDFB#30.pdf |
|                                  |  2.R5F100GFDFB#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-LFQFP (7x7)                                                                                           |
| 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                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 34                                                                                                       |
| 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 48-LFQFP (7x7)                        |
| DATA CONVERTERS                  | A/D 10x8/10b                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | RL78                                                                                                     |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                             |
| BASE PART NUMBER                 | R5F100                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F100GFDFB#30 | R5F100GFDFB#30 Distributor             | R5F100GFDFB#30 Supplier                        |
| R5F100GFDFB#30 Price                       | R5F100GFDFB#30 Pictures                | R5F100GFDFB#30 Image                           |
| R5F100GFDFB#30 PDF Datasheet               | R5F100GFDFB#30 Download Datasheet      | R5F100GFDFB#30 Datasheet                       |
| R5F100GFDFB#30 Stock                       | Buy R5F100GFDFB#30                     | Buy Renesas Electronics America R5F100GFDFB#30 |
| Renesas Electronics America R5F100GFDFB#30 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100GFDFB#30 | Renesas Technology Corp R5F100GFDFB#30 | Renesas R5F100GFDFB#30                         |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F100GFAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: 4432 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F100GFAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: 39783 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100GFANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48HWQFN<br/>In stock: 37497 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F100GFDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: 4810 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F100GEGNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 64KB/4KB+4KB 48QFN -40_<br/>In stock: 42075 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100GFDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: 40754 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100GFAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78G13 96K+8K QFP48 -<br/>In stock: 55629 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100GGAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 48LFQFP<br/>In stock: 2919 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100GFGFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 96KB/8KB+8KB 48QFP -40_<br/>In stock: 49334 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100GFAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: 6256 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F100GFGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 96KB/8KB+8KB 48QFP -40_<br/>In stock: 43062 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100GFDFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 5764 pcs</div> <div>RFQ</div>                     |