



Renesas Electronics America



R5F104GDDFB#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F104GDDFB#30                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 48LFQFP                                                                                         |
|                     |  1.R5F104GDDFB#30.pdf       |
|                     |  2.R5F104GDDFB#30.pdf       |
|                     |  3.R5F104GDDFB#30.pdf       |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 3663 pcs stock                                                                                               |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

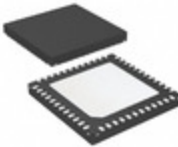
Specifications of R5F104GDDFB#30

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F104GDDFB#30                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 48LFQFP                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 3663 pcs                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.R5F104GDDFB#30.pdf<br> 2.R5F104GDDFB#30.pdf<br> 3.R5F104GDDFB#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 48-LFQFP (7x7)                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | RL78/G14                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 5.5K x 8                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 48KB (48K 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                      | 4K x 8                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | RL78 RL78/G14 Microcontroller IC 16-Bit 32MHz 48KB (48K 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                 | R5F104                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F104GDDFB#30 | R5F104GDDFB#30 Distributor             | R5F104GDDFB#30 Supplier                        |
| R5F104GDDFB#30 Price                       | R5F104GDDFB#30 Pictures                | R5F104GDDFB#30 Image                           |
| R5F104GDDFB#30 PDF Datasheet               | R5F104GDDFB#30 Download Datasheet      | R5F104GDDFB#30 Datasheet                       |
| R5F104GDDFB#30 Stock                       | Buy R5F104GDDFB#30                     | Buy Renesas Electronics America R5F104GDDFB#30 |
| Renesas Electronics America R5F104GDDFB#30 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F104GDDFB#30 | Renesas Technology Corp R5F104GDDFB#30 | Renesas R5F104GDDFB#30                         |

Related Products

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|  <div><b>R5F104GEAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 3321 pcs</div> <div>RFQ</div>             |  <div><b>R5F104GCGFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 3067 pcs</div> <div>RFQ</div>             |
|  <div><b>R5F104GDGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 5526 pcs</div> <div>RFQ</div>             |  <div><b>R5F104GDAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 4086 pcs</div> <div>RFQ</div>             |
|  <div><b>R5F104GDAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 5794 pcs</div> <div>RFQ</div>                     |  <div><b>R5F104GDAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 5018 pcs</div> <div>RFQ</div>             |
|  <div><b>R5F104GDDFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 6775 pcs</div> <div>RFQ</div>                     |  <div><b>R5F104GDDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3512 pcs</div> <div>RFQ</div>                     |
|  <div><b>R5F104GEAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 5856 pcs</div> <div>RFQ</div>             |  <div><b>R5F104GDAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 48LFQFP<br/>In stock: 57280 pcs</div> <div>RFQ</div> |
|  <div><b>R5F104GDANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 48HWQFN<br/>In stock: 42756 pcs</div> <div>RFQ</div> |  <div><b>R5F104GDDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48LFQFP<br/>In stock: 4810 pcs</div> <div>RFQ</div>             |