



Renesas Electronics America

Image may be representation. See specifications for product details.

## R5F100PGAFB#V0

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| Part Number:        | R5F100PGA <span style="color: blue;">FB#V0</span>                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | <a href="#">Renesas Electronics America</a>                                                                                                                                                                                                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 100LQFP                                                                                                                                                                                                                                                                                   |
| Datasheets:         | <a href="#"> 1.R5F100PGA<span style="color: red;">FB#V0</span>.pdf</a><br><a href="#"> 2.R5F100PGA<span style="color: red;">FB#V0</span>.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                       |
| Stock Condition     | 25638 pcs stock                                                                                                                                                                                                                                                                                                    |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                              |

REQUEST FOR QUOTATION

### Specifications of R5F100PGAFB#V0

|                                  |                                                                                                                                                                                                                                                                                                                          |
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| PART NUMBER                      | R5F100PGA <span style="color: blue;">FB#V0</span>                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100LQFP                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 25638 pcs                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <a href="#"> 1.R5F100PGA<span style="color: blue;">FB#V0</span>.pdf</a><br><a href="#"> 2.R5F100PGA<span style="color: blue;">FB#V0</span>.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | RL78/G13                                                                                                                                                                                                                                                                                                                 |
| RAM SIZE                         | 12K x 8                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 82                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 128KB (128K 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

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|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <a href="#">Renesas Electronics America R5F100PGA<span style="color: red;">FB#V0</span></a> | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Distributor</a>             | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Supplier</a>                        |
| <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Price</a>                       | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Pictures</a>                | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Image</a>                           |
| <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> PDF Datasheet</a>               | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Download Datasheet</a>      | <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Datasheet</a>                       |
| <a href="#">R5F100PGA<span style="color: red;">FB#V0</span> Stock</a>                       | <a href="#">Buy R5F100PGA<span style="color: red;">FB#V0</span></a>                     | <a href="#">Buy Renesas Electronics America R5F100PGA<span style="color: red;">FB#V0</span></a> |
| <a href="#">Renesas Electronics America R5F100PGA<span style="color: red;">FB#V0</span></a> | <a href="#">Renesas Electronics America Supplier</a>                                    | <a href="#">Renesas Electronics America Distributor</a>                                         |
| <a href="#">Renesas Electronics America R5F100PGA<span style="color: red;">FB#V0</span></a> | <a href="#">Renesas Technology Corp R5F100PGA<span style="color: red;">FB#V0</span></a> | <a href="#">Renesas R5F100PGA<span style="color: red;">FB#V0</span></a>                         |

### Related Products

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| <div></div> <div><b>R5F100PGDFA#V0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 25349 pcs</div> <div>RFQ</div>                                 | <div></div> <div><b>R5F100PGDFB#30</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 2724 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div><b>R5F100PGDFB#X0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT<br/>In stock: 4575 pcs</div> <div>RFQ</div>                                                      | <div></div> <div><b>R5F100PGDFB#50</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 6939 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div><b>R5F100PGA<span style="color: blue;">FB#X0</span></b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT<br/>In stock: 5954 pcs</div> <div>RFQ</div>                    | <div></div> <div><b>R5F100PGDFB#V0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 27537 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>R5F100PGA<span style="color: red;">FB#30</span></b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 6808 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F100PGAFA#V0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 28360 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>R5F100PFGFB#X0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 80LQFP<br/>In stock: 3274 pcs</div> <div>RFQ</div>                                               | <div></div> <div><b>R5F100PGA<span style="color: red;">FB#50</span></b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 2802 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100PFGFB#V0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: IC MCU 16BIT 80LQFP<br/>In stock: 6855 pcs</div> <div>RFQ</div>                                               | <div></div> <div><b>R5F100PFGFA#X0</b><br/>Manufacturers: <a href="#">Renesas Electronics America</a><br/>Description: RL78/G13 96K/8K+8K 100QFP -40_+1<br/>In stock: 24448 pcs</div> <div>RFQ</div>                                 |