



Renesas Electronics America



R5F100GEGNA#W0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F100GEGNA#W0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | RL78/G13 64KB/4KB+4KB 48QFN -40_                                                                             |
| Datasheets:         |  1.R5F100GEGNA#W0.pdf       |
|                     |  2.R5F100GEGNA#W0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

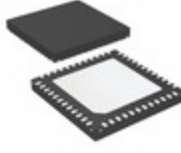
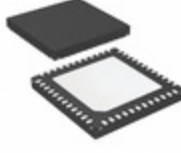
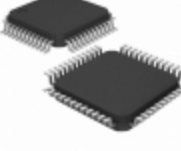
Specifications of R5F100GEGNA#W0

|                                 |                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                     | R5F100GEGNA#W0                                                                                           |
| MANUFACTURER                    | Renesas Electronics America                                                                              |
| DESCRIPTION                     | RL78/G13 64KB/4KB+4KB 48QFN -40_                                                                         |
| LEAD FREE STATUS / ROHS STATUS  | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                      |  1.R5F100GEGNA#W0.pdf |
|                                 |  2.R5F100GEGNA#W0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)      | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE         | 48-HWQFN (7x7)                                                                                           |
| SPEED                           | 32MHz                                                                                                    |
| SERIES                          | RL78/G13                                                                                                 |
| RAM SIZE                        | 4K x 8                                                                                                   |
| PROGRAM MEMORY TYPE             | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE             | 64KB (64K x 8)                                                                                           |
| PERIPHERALS                     | DMA, LVD, POR, PWM, WDT                                                                                  |
| PACKAGING                       | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                  | 48-WFQFN Exposed Pad                                                                                     |
| OSCILLATOR TYPE                 | Internal                                                                                                 |
| OPERATING TEMPERATURE           | -40°C ~ 105°C (TA)                                                                                       |
| NUMBER OF I/O                   | 34                                                                                                       |
| 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 64KB (64K x 8) FLASH 48-HWQFN (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 R5F100GEGNA#W0 | R5F100GEGNA#W0 Distributor             | R5F100GEGNA#W0 Supplier                        |
| R5F100GEGNA#W0 Price                       | R5F100GEGNA#W0 Pictures                | R5F100GEGNA#W0 Image                           |
| R5F100GEGNA#W0 PDF Datasheet               | R5F100GEGNA#W0 Download Datasheet      | R5F100GEGNA#W0 Datasheet                       |
| R5F100GEGNA#W0 Stock                       | Buy R5F100GEGNA#W0                     | Buy Renesas Electronics America R5F100GEGNA#W0 |
| Renesas Electronics America R5F100GEGNA#W0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100GEGNA#W0 | Renesas Technology Corp R5F100GEGNA#W0 | Renesas R5F100GEGNA#W0                         |

Related Products

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| <div></div> <div><b>R5F100GDFDB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>R5F100GEDFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100GEGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 64KB/4KB+4KB 48QFN -40_<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>R5F100GEGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: Out stock</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: Out stock</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: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>R5F100GEDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48HWQFN<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>R5F100GFAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 48LFQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
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| <div></div> <div><b>R5F100GFAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78G13 96K+8K QFP48 -<br/>In stock: Out stock</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: Out stock</div> <div>RFQ</div> |