



Renesas Electronics America



R5F100GEGNA#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F100GEGNA#U0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | RL78/G13 64KB/4KB+4KB 48QFN -40_                                                                             |
| Datasheets:         |  1.R5F100GEGNA#U0.pdf       |
|                     |  2.R5F100GEGNA#U0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 39739 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

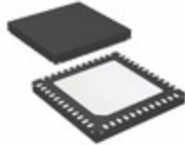
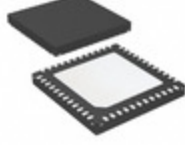
Specifications of R5F100GEGNA#U0

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | R5F100GEGNA#U0                                                                                           |
| MANUFACTURER                   | Renesas Electronics America                                                                              |
| DESCRIPTION                    | RL78/G13 64KB/4KB+4KB 48QFN -40_                                                                         |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE             | 39739 pcs                                                                                                |
| DATA SHEET                     |  1.R5F100GEGNA#U0.pdf |
|                                |  2.R5F100GEGNA#U0.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                      | Tray                                                                                                     |
| PACKAGE / CASE                 | 48-WFQFN Exposed Pad                                                                                     |
| OSCILLATOR TYPE                | Internal                                                                                                 |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                                       |
| NUMBER OF I/O                  | 34                                                                                                       |
| 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#U0 | R5F100GEGNA#U0 Distributor             | R5F100GEGNA#U0 Supplier                        |
| R5F100GEGNA#U0 Price                       | R5F100GEGNA#U0 Pictures                | R5F100GEGNA#U0 Image                           |
| R5F100GEGNA#U0 PDF Datasheet               | R5F100GEGNA#U0 Download Datasheet      | R5F100GEGNA#U0 Datasheet                       |
| R5F100GEGNA#U0 Stock                       | Buy R5F100GEGNA#U0                     | Buy Renesas Electronics America R5F100GEGNA#U0 |
| Renesas Electronics America R5F100GEGNA#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F100GEGNA#U0 | Renesas Technology Corp R5F100GEGNA#U0 | Renesas R5F100GEGNA#U0                         |

Related Products

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| <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<br/><div>RFQ</div></div> | <div></div> <div><b>R5F100GEDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: 50078 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F100GEDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48HWQFN<br/>In stock: 32836 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F100GEGFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: 44885 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F100GEDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: 5211 pcs<br/><div>RFQ</div></div>  |
| <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<br/><div>RFQ</div></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<br/><div>RFQ</div></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<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F100GEGFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 4101 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div> | <div></div> <div><b>R5F100GEDFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 48LFQFP<br/>In stock: 58058 pcs<br/><div>RFQ</div></div> |