

R5F104GCGFB#V0



Part Number: [R5F104GCGFB#V0](#)

Manufacturer: [Renesas Electronics America](#)

Description: RL78G14 32K 48QFP -40 TO +105C

Data sheet:  [RL78/G14 Datasheet](#)  
 [RL78/G14 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

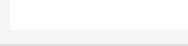
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| PRODUCT PARAMETER              |                                                                                   |                                |                                                                                |
|--------------------------------|-----------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------|
| Part Number                    | R5F104GCGFB#V0                                                                    | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                    |
| Description                    | RL78G14 32K 48QFP -40 TO +105C                                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                     |
| Quantity Available             | 72517 pcs                                                                         | Data sheet                     | <a href="#">RL78/G14 Datasheet</a><br><a href="#">RL78/G14 Hardware Manual</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - Supply (Vcc/Vdd)     | 1.6 V ~ 5.5 V                                                                  |
| Supplier Device Package        | 48-LFQFP (7x7)                                                                    | Speed                          | 32MHz                                                                          |
| Series                         | RL78/G14                                                                          | RAM Size                       | 4K x 8                                                                         |
| Program Memory Type            | FLASH                                                                             | Program Memory Size            | 32KB (32K x 8)                                                                 |
| Peripherals                    | DMA, LVD, POR, PWM, WDT                                                           | Packaging                      | Tray                                                                           |
| Package / Case                 | 48-LQFP                                                                           | 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                    | 4K x 8                                                                         |
| Detailed Description           | RL78 RL78/G14 Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 48-LFQFP (7x7) | Data Converters                | A/D 10x8/10b                                                                   |
| Core Size                      | 16-Bit                                                                            | Core Processor                 | RL78                                                                           |
| Connectivity                   | CSI, I <sup>2</sup> C, LINbus, UART/USART                                         | Base Part Number               | R5F104                                                                         |

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