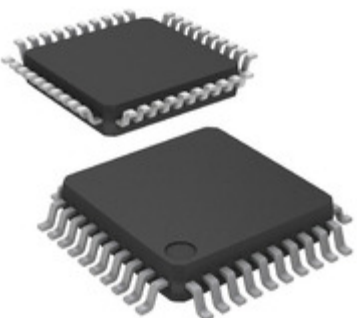


R5F104BGAFP#V0



Part Number: [R5F104BGAFP#V0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 128KB FLASH 32LQFP

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

RoHs Status: Lead free / RoHS Compliant

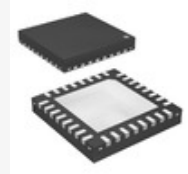
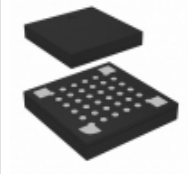
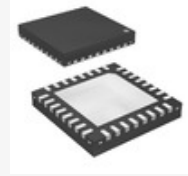
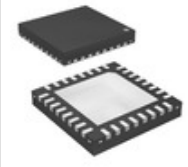
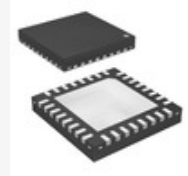
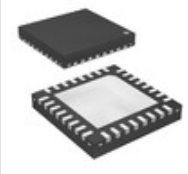
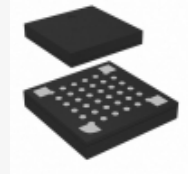
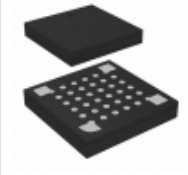
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |                                  |                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F104BGAFP#V0                                                                     | Manufacturer                     | <a href="#">Renesas Electronics America</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 16BIT 128KB FLASH 32LQFP                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 52715 pcs                                                                          | Data sheet                       | <a href="#">RL78/G14 Datasheet</a><br><a href="#">RL78/G14 Hardware Manual</a><br><a href="#">RL78 Brochure</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 1.6 V ~ 5.5 V                                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-LQFP (7x7)                                                                      | Speed                            | 32MHz                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RL78/G14                                                                           | RAM Size                         | 16K x 8                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                                                              | Program Memory Size              | 128KB (128K x 8)                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DMA, LVD, POR, PWM, WDT                                                            | Packaging                        | Tray                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-LQFP                                                                            | Other Names                      | R5F104BGAFPV0                                                                                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 22                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                                                         | EEPROM Size                      | 8K x 8                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RL78 RL78/G14 Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) FLASH 32-LQFP (7x7) | Data Converters                  | A/D 8x8/10b, D/A 2x8b                                                                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-Bit                                                                             | Core Processor                   | RL78                                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CSI, I <sup>2</sup> C, LINbus, UART/USART                                          | Base Part Number                 | R5F104                                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 52715 pieces of Renesas Electronics America R5F104BGAFP#V0 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                    |                                  |                                                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                            |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">R5F104CEALA#U0</a><br>Description: IC MCU 16BIT 64KB FLASH 36WFLGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BGANA#U0</a><br>Description: IC MCU 16BIT 128KB FLASH 32HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BGANA#W0</a><br>Description: IC MCU 16BIT 128KB FLASH 32HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BGAFP#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BFDFP#V0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BGGFP#V0</a><br>Description: RL78/G14 128KB/16KB+8KB 32QFP -4 | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BEDFP#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BGDFP#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BEGFP#V0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104CDALA#U0</a><br>Description: IC MCU 16BIT 48KB FLASH 36WFLGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BFANA#U0</a><br>Description: IC MCU 16BIT 96KB FLASH 32HWQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BFGNA#U0</a><br>Description: IC MCU 16BIT 96KB FLASH 32HWQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BEGNA#U0</a><br>Description: IC MCU 16BIT 64KB FLASH 32HWQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BFANA#W0</a><br>Description: IC MCU 16BIT 96KB FLASH 32QFN    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104CAALA#U0</a><br>Description: IC MCU 16BIT 16KB FLASH 36WFLGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104CCALA#U0</a><br>Description: IC MCU 16BIT 32KB FLASH 36WFLGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F104BFAFP#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F104BFAFP#V0</a><br>Description: IC MCU 16BIT 96KB FLASH 32LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

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