

R5F10Y14ASP#V0



**Part Number:** [R5F10Y14ASP#V0](#)

**Manufacturer:** [Renesas Electronics America](#)

**Description:** IC MCU 16BIT 1KB FLASH 10LSSOP

**Data sheet:**  [RL78/G10 Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F10Y14ASP#V0                            | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT 1KB FLASH 10LSSOP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 179068 pcs                                | Data sheet                     | <a href="#">RL78/G10 Datasheet</a>                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2 V ~ 5.5 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10-LSSOP (4.4x3.6)                        | Speed                          | 20MHz                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RL78/G10                                  | RAM Size                       | 128 x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 1KB (1K x 8)                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10-LSSOP (0.173", 4.40mm Width)           | Oscillator Type                | Internal                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of I/O                  | 6                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | RL78 RL78/G10 Microcontroller IC 16-Bit 20MHz 1KB (1K x 8) FLASH 10-LSSOP (4.4x3.6) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 4x8/10b                               | Core Size                      | 16-Bit                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RL78                                      | Connectivity                   | CSI, I <sup>2</sup> C, LINbus, UART/USART                                           |
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|  | Part#: <a href="#">R5F10WMFAFA#V0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F10WMGAFA#X0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">R5F10WMGAFA#X0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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