

R5F10WMFAFA#V0



Part Number: [R5F10WMFAFA#V0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT

Data sheet:  [RL78/L13](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |                                |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | R5F10WMFAFA#V0                                                                     | Manufacturer                   | <a href="#">Renesas Electronics America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4123 pcs                                                                           | Data sheet                     | <a href="#">RL78/L13</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)     | 1.6 V ~ 5.5 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80-LQFP (14x14)                                                                    | Speed                          | 24MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RL78/L13                                                                           | RAM Size                       | 6K x 8                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                                                              | Program Memory Size            | 96KB (96K x 8)                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, LCD, LVD, POR, PWM, WDT                                                       | Packaging                      | Tray                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80-LQFP                                                                            | Oscillator Type                | Internal                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                                                                  | Number of I/O                  | 58                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                         | EEPROM Size                    | 4K x 8                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RL78 RL78/L13 Microcontroller IC 16-Bit 24MHz 96KB (96K x 8) FLASH 80-LQFP (14x14) | Data Converters                | A/D 12x10b                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-Bit                                                                             | Core Processor                 | RL78                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CSI, I <sup>2</sup> C, LINbus, UART/USART                                          |                                |                                             |
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|  | Part#: <a href="#">R5F10WMEAFA#V0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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