



Renesas Electronics America



R5F10WMGAFB#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10WMGAFB#30                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 128KB FLASH 80LQFP                                                                              |
| Datasheets:         |  1.R5F10WMGAFB#30.pdf       |
|                     |  2.R5F10WMGAFB#30.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 20048 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F10WMGAFB#30

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10WMGAFB#30                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 80LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 20048 pcs                                                                                                |
| DATA SHEET                       |  1.R5F10WMGAFB#30.pdf |
|                                  |  2.R5F10WMGAFB#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                          |
| SPEED                            | 24MHz                                                                                                    |
| SERIES                           | RL78/L13                                                                                                 |
| RAM SIZE                         | 8K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                         |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                             |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 80-LQFP                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                       |
| NUMBER OF I/O                    | 58                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | 4K x 8                                                                                                   |
| DETAILED DESCRIPTION             | RL78 RL78/L13 Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) FLASH 80-LQFP (12x12)                     |
| DATA CONVERTERS                  | A/D 12x10b                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | RL78                                                                                                     |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                             |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10WMGAFB#30 | R5F10WMGAFB#30 Distributor             | R5F10WMGAFB#30 Supplier                        |
| R5F10WMGAFB#30 Price                       | R5F10WMGAFB#30 Pictures                | R5F10WMGAFB#30 Image                           |
| R5F10WMGAFB#30 PDF Datasheet               | R5F10WMGAFB#30 Download Datasheet      | R5F10WMGAFB#30 Datasheet                       |
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| Renesas Electronics America R5F10WMGAFB#30 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10WMGAFB#30 | Renesas Technology Corp R5F10WMGAFB#30 | Renesas R5F10WMGAFB#30                         |

Related Products

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| <div></div> <div><b>R5F10WMGAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 20336 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10Y14ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 10LSSOP<br/>In stock: 273260 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F10WMFAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3750 pcs</div> <div>RFQ</div>                     | <div></div> <div><b>R5F10WMFAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 44530 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F10Y14DSP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 10LSSOP<br/>In stock: 207212 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10WMGAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3836 pcs</div> <div>RFQ</div>                     |
| <div></div> <div><b>R5F10Y14DSP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 10LSSOP<br/>In stock: 186538 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10WMGAFA#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 30038 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F10WMFAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 38214 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F10WMFAFA#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 5997 pcs</div> <div>RFQ</div>                     |
| <div></div> <div><b>R5F10WMGAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 6218 pcs</div> <div>RFQ</div>                     | <div></div> <div><b>R5F10Y14ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 10LSSOP<br/>In stock: 99440 pcs</div> <div>RFQ</div>  |