



Renesas Electronics America



R5F1007ADNA#U0

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F1007ADNA#U0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 16KB FLASH 24HWQFN                                                                                      |
| Datasheets:         |  <a href="#">R5F1007ADNA#U0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 3968 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of R5F1007ADNA#U0

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F1007ADNA#U0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 24HWQFN                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 3968 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">R5F1007ADNA#U0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 24-HWQFN (4x4)                                                                                                         |
| SPEED                            | 32MHz                                                                                                                  |
| SERIES                           | RL78/G13                                                                                                               |
| RAM SIZE                         | 2K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 24-WFQFN Exposed Pad                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 15                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 16KB (16K x 8) FLASH 24-HWQFN (4x4)                                      |
| DATA CONVERTERS                  | A/D 6x8/10b                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                                           |
| BASE PART NUMBER                 | R5F1007                                                                                                                |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F1007ADNA#U0 | R5F1007ADNA#U0 Distributor             | R5F1007ADNA#U0 Supplier                        |
| R5F1007ADNA#U0 Price                       | R5F1007ADNA#U0 Pictures                | R5F1007ADNA#U0 Image                           |
| R5F1007ADNA#U0 PDF Datasheet               | R5F1007ADNA#U0 Download Datasheet      | R5F1007ADNA#U0 Datasheet                       |
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| Renesas Electronics America R5F1007ADNA#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F1007ADNA#U0 | Renesas Technology Corp R5F1007ADNA#U0 | Renesas R5F1007ADNA#U0                         |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>R5F1006EASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 20LSSOP<br/>In stock: 34968 pcs<br/><div>RFQ</div></div> |  <div><b>R5F1007AANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 29269 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1006EDSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 20LSSOP<br/>In stock: 2913 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F1007CANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 27615 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1007ADNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 5808 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F1006EDSP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 20LSSOP<br/>In stock: 2749 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F1007AANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 75312 pcs<br/><div>RFQ</div></div> |  <div><b>R5F1007CDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 45943 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1006EASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 24LSSOP<br/>In stock: 66347 pcs<br/><div>RFQ</div></div> |  <div><b>R5F1007CDNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 55253 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1007CGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 32K+2 -40TO85 24QFN<br/>In stock: 37427 pcs<br/><div>RFQ</div></div>    |  <div><b>R5F1007CANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 57162 pcs<br/><div>RFQ</div></div> |