



Renesas Electronics America

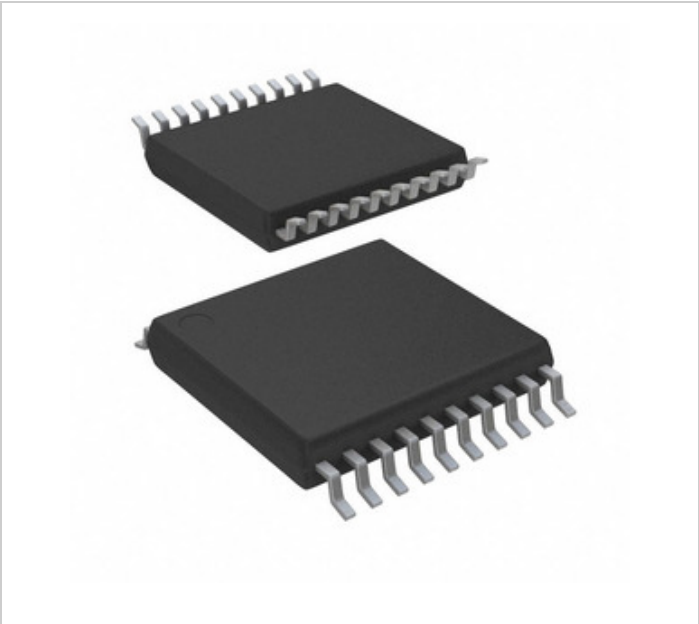


Image may be representation. See specifications for product details.

R5F103A7ASP#V0

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F103A7ASP#V0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 4KB FLASH 30LSSOP                                                                                       |
| Datasheets:         |  <a href="#">R5F103A7ASP#V0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

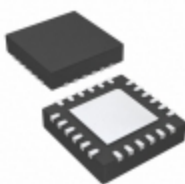
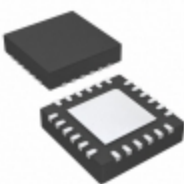
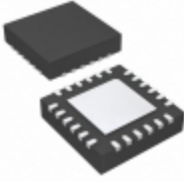
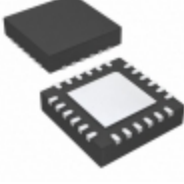
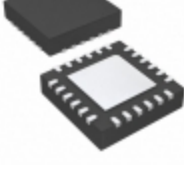
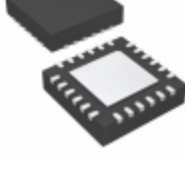
Specifications of R5F103A7ASP#V0

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F103A7ASP#V0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 4KB FLASH 30LSSOP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">R5F103A7ASP#V0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 30-LSSOP                                                                                                               |
| SPEED                            | 24MHz                                                                                                                  |
| SERIES                           | RL78/G12                                                                                                               |
| RAM SIZE                         | 512 x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 30-LSSOP (0.240", 6.10mm Width)                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 26                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | RL78 RL78/G12 Microcontroller IC 16-Bit 24MHz 4KB (4K x 8) FLASH 30-LSSOP                                              |
| DATA CONVERTERS                  | A/D 8x8/10b                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, UART/USART                                                                                                   |
| BASE PART NUMBER                 | R5F103A                                                                                                                |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F103A7ASP#V0 | R5F103A7ASP#V0 Distributor             | R5F103A7ASP#V0 Supplier                        |
| R5F103A7ASP#V0 Price                       | R5F103A7ASP#V0 Pictures                | R5F103A7ASP#V0 Image                           |
| R5F103A7ASP#V0 PDF Datasheet               | R5F103A7ASP#V0 Download Datasheet      | R5F103A7ASP#V0 Datasheet                       |
| R5F103A7ASP#V0 Stock                       | Buy R5F103A7ASP#V0                     | Buy Renesas Electronics America R5F103A7ASP#V0 |
| Renesas Electronics America R5F103A7ASP#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F103A7ASP#V0 | Renesas Technology Corp R5F103A7ASP#V0 | Renesas R5F103A7ASP#V0                         |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F10379DNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 24HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F1037AANA#W5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F103A8ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>R5F1037AANA#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F103A8ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>R5F1037AANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F103A7DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>R5F103A8DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>R5F103A9ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F1037AANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 980 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F1037ADNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F103A9DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |