

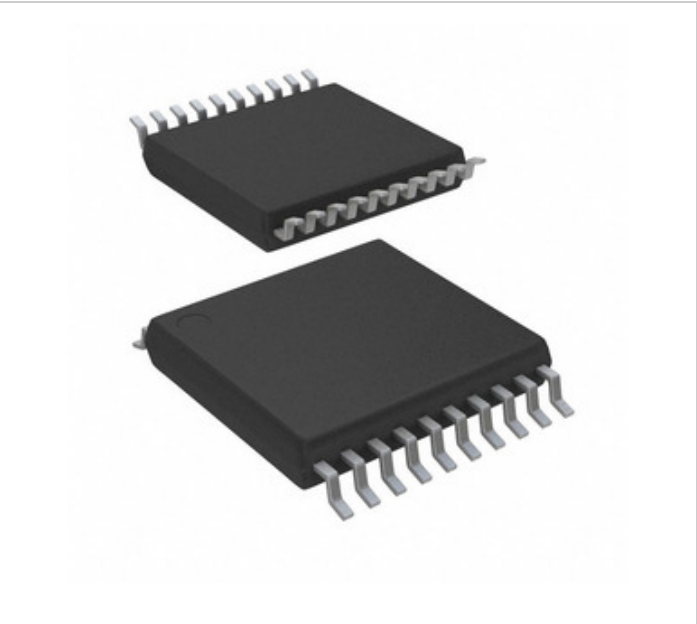


Image may be representation. See specifications for product details.

R5F102A8DSP#X0

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F102A8DSP#X0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 16BIT 8KB FLASH 30LSSOP                                                                                       |
| Datasheets:         |  <a href="#">R5F102A8DSP#X0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 117263 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of R5F102A8DSP#X0

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F102A8DSP#X0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 30LSSOP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 117263 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">R5F102A8DSP#X0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 30-LSSOP                                                                                                               |
| SPEED                            | 24MHz                                                                                                                  |
| SERIES                           | RL78/G12                                                                                                               |
| RAM SIZE                         | 768 x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| 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) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | RL78 RL78/G12 Microcontroller IC 16-Bit 24MHz 8KB (8K 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                 | R5F102A                                                                                                                |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F102A8DSP#X0 | R5F102A8DSP#X0 Distributor             | R5F102A8DSP#X0 Supplier                        |
| R5F102A8DSP#X0 Price                       | R5F102A8DSP#X0 Pictures                | R5F102A8DSP#X0 Image                           |
| R5F102A8DSP#X0 PDF Datasheet               | R5F102A8DSP#X0 Download Datasheet      | R5F102A8DSP#X0 Datasheet                       |
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| Renesas Electronics America R5F102A8DSP#X0 | Renesas Technology Corp R5F102A8DSP#X0 | Renesas R5F102A8DSP#X0                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F102A8DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: 84353 pcs<br/><b>RFQ</b></div>   |  <div><b>R5F102A7DSP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 30LSSOP<br/>In stock: 98583 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F102A7GSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G12 4K+2K 30SSP -40 TO +105<br/>In stock: 81440 pcs<br/><b>RFQ</b></div> |  <div><b>R5F102A7DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 30LSSOP<br/>In stock: 83269 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F102A9ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: 107323 pcs<br/><b>RFQ</b></div> |  <div><b>R5F102A9GSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G12 12KB/1KB+2KB 30SSOP -40<br/>In stock: 85874 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F102A8ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: 116227 pcs<br/><b>RFQ</b></div>  |  <div><b>R5F102A9DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: 81348 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R5F102A8ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: 48999 pcs<br/><b>RFQ</b></div>   |  <div><b>R5F102A8GSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 30LSSOP<br/>In stock: 83565 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F102A9ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: 126282 pcs<br/><b>RFQ</b></div> |  <div><b>R5F102A9DSP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 30LSSOP<br/>In stock: 109372 pcs<br/><b>RFQ</b></div> |