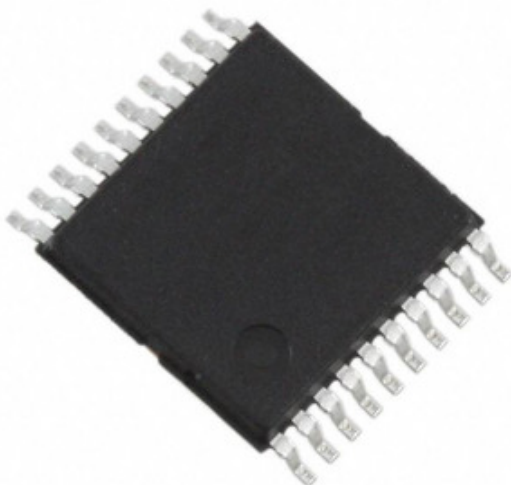




Renesas Electronics America



R5F1016ADSP#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F1016ADSP#V0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 20LSSOP                                                                              |
| Datasheets:         |  1.R5F1016ADSP#V0.pdf       |
|                     |  2.R5F1016ADSP#V0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 73999 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F1016ADSP#V0

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F1016ADSP#V0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 20LSSOP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 73999 pcs                                                                                                |
| DATA SHEET                       |  1.R5F1016ADSP#V0.pdf |
|                                  |  2.R5F1016ADSP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 20-LSSOP                                                                                                 |
| 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                   | 20-LSSOP (0.240", 6.10mm Width)                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 13                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| 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 20-LSSOP                              |
| DATA CONVERTERS                  | A/D 6x8/10b                                                                                              |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | RL78                                                                                                     |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                             |
| BASE PART NUMBER                 | R5F1016                                                                                                  |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F1016ADSP#V0 | R5F1016ADSP#V0 Distributor             | R5F1016ADSP#V0 Supplier                        |
| R5F1016ADSP#V0 Price                       | R5F1016ADSP#V0 Pictures                | R5F1016ADSP#V0 Image                           |
| R5F1016ADSP#V0 PDF Datasheet               | R5F1016ADSP#V0 Download Datasheet      | R5F1016ADSP#V0 Datasheet                       |
| R5F1016ADSP#V0 Stock                       | Buy R5F1016ADSP#V0                     | Buy Renesas Electronics America R5F1016ADSP#V0 |
| Renesas Electronics America R5F1016ADSP#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F1016ADSP#V0 | Renesas Technology Corp R5F1016ADSP#V0 | Renesas R5F1016ADSP#V0                         |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F1016AASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 89064 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F1016DASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 20LSSOP<br/>In stock: 72868 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1016EASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 20LSSOP<br/>In stock: 64863 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F1016CASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 20LSSOP<br/>In stock: 77941 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F100SJAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 128LQFP<br/>In stock: 27631 pcs<br/><div>RFQ</div></div> |  <div><b>R5F1016CDSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 20LSSOP<br/>In stock: 67672 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F1016DDSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 20LSSOP<br/>In stock: 50145 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F1016EDSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 20LSSOP<br/>In stock: 48706 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F100SJAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 256KB FLASH 128LQFP<br/>In stock: 17429 pcs<br/><div>RFQ</div></div> |  <div><b>R5F100SKAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 384KB FLASH 80LQFP<br/>In stock: 19235 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F100SLAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 512KB FLASH 128LQFP<br/>In stock: 17648 pcs<br/><div>RFQ</div></div> |  <div><b>R5F1016AASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 39644 pcs<br/><div>RFQ</div></div> |