



R5F1036AASP#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F1036AASP#V0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 20LSSOP                                                                              |
| Datasheets:         |  1.R5F1036AASP#V0.pdf       |
|                     |  2.R5F1036AASP#V0.pdf       |
|                     |  3.R5F1036AASP#V0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 57184 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F1036AASP#V0

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F1036AASP#V0                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 20LSSOP                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 57184 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.R5F1036AASP#V0.pdf<br> 2.R5F1036AASP#V0.pdf<br> 3.R5F1036AASP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 20-LSSOP                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 24MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | RL78/G12                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                                                                                                                                   |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 20-LSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | R5F1036AASPV0                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | RL78 RL78/G12 Microcontroller IC 16-Bit 24MHz 16KB (16K x 8) FLASH 20-LSSOP                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 11x8/10b                                                                                                                                                                                                                                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | RL78                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | CSI, I²C, UART/USART                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | R5F1036                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F1036AASP#V0 | R5F1036AASP#V0 Distributor             | R5F1036AASP#V0 Supplier                        |
| R5F1036AASP#V0 Price                       | R5F1036AASP#V0 Pictures                | R5F1036AASP#V0 Image                           |
| R5F1036AASP#V0 PDF Datasheet               | R5F1036AASP#V0 Download Datasheet      | R5F1036AASP#V0 Datasheet                       |
| R5F1036AASP#V0 Stock                       | Buy R5F1036AASP#V0                     | Buy Renesas Electronics America R5F1036AASP#V0 |
| Renesas Electronics America R5F1036AASP#V0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F1036AASP#V0 | Renesas Technology Corp R5F1036AASP#V0 | Renesas R5F1036AASP#V0                         |

Related Products

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|  <div><b>R5F10369ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 116785 pcs<br/>RFQ</div> |  <div><b>R5F10369DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 100147 pcs<br/>RFQ</div> |
|  <div><b>R5F10377ANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 24HWQFN<br/>In stock: 63353 pcs<br/>RFQ</div>   |  <div><b>R5F10369ASP#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 100843 pcs<br/>RFQ</div> |
|  <div><b>R5F10369ASP#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 147758 pcs<br/>RFQ</div> |  <div><b>R5F1036ADSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 94087 pcs<br/>RFQ</div>  |
|  <div><b>R5F10369ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 58546 pcs<br/>RFQ</div>  |  <div><b>R5F1036AASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 135512 pcs<br/>RFQ</div> |
|  <div><b>R5F10368DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 100640 pcs<br/>RFQ</div>  |  <div><b>R5F10377ANA#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 24HWQFN<br/>In stock: 61025 pcs<br/>RFQ</div>   |
|  <div><b>R5F1036AASP#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 107281 pcs<br/>RFQ</div> |  <div><b>R5F1036AASP#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 141549 pcs<br/>RFQ</div> |