

R5F10368ASP#X0

|                     |                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10368ASP#X0                                                                                                                            |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                               |
| Product description | IC MCU 16BIT 8KB FLASH 20LSSOP                                                                                                            |
| Datasheets:         | <div><div>PDF</div>1.R5F10368ASP#X0.pdf</div> <div><div>PDF</div>2.R5F10368ASP#X0.pdf</div> <div><div>PDF</div>3.R5F10368ASP#X0.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                      |
| Stock Condition     | 144317 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 R5F10368ASP#X0

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10368ASP#X0                                                                                                                            |
| MANUFACTURER                     | Renesas Electronics America                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 20LSSOP                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                |
| QUANTITY AVAILABLE               | 144317 pcs                                                                                                                                |
| DATA SHEET                       | <div><div>PDF</div>1.R5F10368ASP#X0.pdf</div> <div><div>PDF</div>2.R5F10368ASP#X0.pdf</div> <div><div>PDF</div>3.R5F10368ASP#X0.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 20-LSSOP                                                                                                                                  |
| SPEED                            | 24MHz                                                                                                                                     |
| SERIES                           | RL78/G12                                                                                                                                  |
| RAM SIZE                         | 768 x 8                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                              |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                        |
| PACKAGING                        | Bulk                                                                                                                                      |
| PACKAGE / CASE                   | 20-LSSOP (0.173", 4.40mm Width)                                                                                                           |
| 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 8KB (8K 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                 | R5F10368                                                                                                                                  |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10368ASP#X0 | R5F10368ASP#X0 Distributor             | R5F10368ASP#X0 Supplier                        |
| R5F10368ASP#X0 Price                       | R5F10368ASP#X0 Pictures                | R5F10368ASP#X0 Image                           |
| R5F10368ASP#X0 PDF Datasheet               | R5F10368ASP#X0 Download Datasheet      | R5F10368ASP#X0 Datasheet                       |
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| Renesas Electronics America R5F10368ASP#X0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F10368ASP#X0 | Renesas Technology Corp R5F10368ASP#X0 | Renesas R5F10368ASP#X0                         |

Related Products

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| <div></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/><div>RFQ</div></div> | <div></div> <div><b>R5F10368ASP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 61208 pcs<br/><div>RFQ</div></div>   |
| <div></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/><div>RFQ</div></div>  | <div></div> <div><b>R5F10367ASP#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 153652 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10369ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 116785 pcs<br/><div>RFQ</div></div> | <div></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/><div>RFQ</div></div> |
| <div></div> <div><b>R5F10368ASP#X5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 159680 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F10367ASP#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 139692 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10368ASP#V5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 114717 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F10367DSP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 137760 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F10367ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 58226 pcs<br/><div>RFQ</div></div>   | <div></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/><div>RFQ</div></div>  |