



Renesas Electronics America



R5F10Y17DSP#50

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F10Y17DSP#50                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 4KB FLASH 10LSSOP                                                                               |
| Datasheets:         |  R5F10Y17DSP#50.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 205401 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 R5F10Y17DSP#50

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F10Y17DSP#50                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 4KB FLASH 10LSSOP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 205401 pcs                                                                                             |
| DATA SHEET                       |  R5F10Y17DSP#50.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 10-LSSOP (4.4x3.6)                                                                                     |
| SPEED                            | 20MHz                                                                                                  |
| SERIES                           | RL78/G10                                                                                               |
| RAM SIZE                         | 512 x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 10-LSSOP (0.173", 4.40mm Width)                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 6                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | RL78 RL78/G10 Microcontroller IC 16-Bit 20MHz 4KB (4K x 8) FLASH 10-LSSOP (4.4x3.6)                    |
| DATA CONVERTERS                  | A/D 4x8/10b                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | RL78                                                                                                   |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                           |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F10Y17DSP#50 | R5F10Y17DSP#50 Distributor             | R5F10Y17DSP#50 Supplier                        |
| R5F10Y17DSP#50 Price                       | R5F10Y17DSP#50 Pictures                | R5F10Y17DSP#50 Image                           |
| R5F10Y17DSP#50 PDF Datasheet               | R5F10Y17DSP#50 Download Datasheet      | R5F10Y17DSP#50 Datasheet                       |
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| Renesas Electronics America R5F10Y17DSP#50 | Renesas Technology Corp R5F10Y17DSP#50 | Renesas R5F10Y17DSP#50                         |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>R5F10Y17DSP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 10LSSOP<br/>In stock: 186880 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10Y44DSP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 16SSOP<br/>In stock: 177303 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F10Y17ASP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 10LSSOP<br/>In stock: 88914 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F10Y17ASP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 10LSSOP<br/>In stock: 246150 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F10Y16ASP#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 2KB FLASH 10LSSOP<br/>In stock: 260941 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10Y44ASP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 16SSOP<br/>In stock: 68831 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F10Y46ASP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 2KB FLASH 16SSOP<br/>In stock: 72564 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F10Y44ASP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 16SSOP<br/>In stock: 216263 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F10Y46ASP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 2KB FLASH 16SSOP<br/>In stock: 189924 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F10Y16DSP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 2KB FLASH 10LSSOP<br/>In stock: 208310 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F10Y16DSP#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 2KB FLASH 10LSSOP<br/>In stock: 229444 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F10Y44DSP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 1KB FLASH 16SSOP<br/>In stock: 146277 pcs</div> <div>RFQ</div>  |