



Renesas Electronics America



UPD78F0503AFC-AA3-A

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UPD78F0503AFC-AA3-A                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 36LGA                                                                                              |
| Datasheets:         |  <a href="#">UPD78F0503AFC-AA3-A.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 5897 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 UPD78F0503AFC-AA3-A

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UPD78F0503AFC-AA3-A                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 36LGA                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 5897 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">UPD78F0503AFC-AA3-A.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                               |
| SPEED                            | 20MHz                                                                                                                       |
| SERIES                           | 78K0/Kx2                                                                                                                    |
| RAM SIZE                         | 1K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                              |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 36-VFLGA                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 23                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                           |
| DETAILED DESCRIPTION             | 78K/0 78K0/Kx2 Microcontroller IC 8-Bit 20MHz 32KB (32K x 8) FLASH                                                          |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                       |
| CORE PROCESSOR                   | 78K/0                                                                                                                       |
| CONNECTIVITY                     | 3-Wire SIO, I²C, LINbus, UART/USART                                                                                         |

Related Tags

|                                                 |                                             |                                                     |
|-------------------------------------------------|---------------------------------------------|-----------------------------------------------------|
| Renesas Electronics America UPD78F0503AFC-AA3-A | UPD78F0503AFC-AA3-A Distributor             | UPD78F0503AFC-AA3-A Supplier                        |
| UPD78F0503AFC-AA3-A Price                       | UPD78F0503AFC-AA3-A Pictures                | UPD78F0503AFC-AA3-A Image                           |
| UPD78F0503AFC-AA3-A PDF Datasheet               | UPD78F0503AFC-AA3-A Download Datasheet      | UPD78F0503AFC-AA3-A Datasheet                       |
| UPD78F0503AFC-AA3-A Stock                       | Buy UPD78F0503AFC-AA3-A                     | Buy Renesas Electronics America UPD78F0503AFC-AA3-A |
| Renesas Electronics America UPD78F0503AFC-AA3-A | Renesas Electronics America Supplier        | Renesas Electronics America Distributor             |
| Renesas Electronics America UPD78F0503AFC-AA3-A | Renesas Technology Corp UPD78F0503AFC-AA3-A | Renesas UPD78F0503AFC-AA3-A                         |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>UPD78F0511AMC-GAA-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 38SSOP<br/>In stock: 52619 pcs</div> <div>RFQ</div> | <div></div> <div><b>UPD78F0500MC-5A4-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 8KB FLASH 30SSOP<br/>In stock: 36623 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>UPD78F0512AGB-GAF-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 24KB FLASH 44LQFP<br/>In stock: 5838 pcs</div> <div>RFQ</div>  | <div></div> <div><b>UPD78F0511AGB-GAF-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br/>In stock: 5667 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>UPD78F0500AMC-CAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 8KB FLASH 30SSOP<br/>In stock: 6508 pcs</div> <div>RFQ</div>   | <div></div> <div><b>UPD78F0503AMC-CAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 30SSOP<br/>In stock: 47474 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD78F0501AMC-CAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 30SSOP<br/>In stock: 30188 pcs</div> <div>RFQ</div> | <div></div> <div><b>UPD78F0502AFC-AA3-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 24KB FLASH 36LGA<br/>In stock: 4747 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>UPD78F0511AGA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 5772 pcs</div> <div>RFQ</div>  | <div></div> <div><b>UPD78F0502AMC-CAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 24KB FLASH 30SSOP<br/>In stock: 51189 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD78F0501AFC-AA3-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB FLASH 36LGA<br/>In stock: 2753 pcs</div> <div>RFQ</div>    | <div></div> <div><b>UPD78F0512AGA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 24KB FLASH 48LQFP<br/>In stock: 4473 pcs</div> <div>RFQ</div>  |