



Image may be representation. See specifications for product details.

UPD70F3796F1-CAH-A

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UPD70F3796F1-CAH-A                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                              |
| Product description | IC MCU 32BIT 512KB FLASH 121BGA                                                                                          |
| Datasheets:         |  <a href="#">UPD70F3796F1-CAH-A.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 9932 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

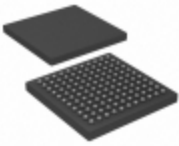
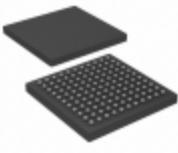
Specifications of UPD70F3796F1-CAH-A

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UPD70F3796F1-CAH-A                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 121BGA                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 9932 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">UPD70F3796F1-CAH-A.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 121-LFBGA (8x8)                                                                                                            |
| SPEED                            | 20MHz                                                                                                                      |
| SERIES                           | V850ES/Jx3-L                                                                                                               |
| RAM SIZE                         | 40K x 8                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, PWM, WDT                                                                                                         |
| PACKAGING                        | Tray                                                                                                                       |
| PACKAGE / CASE                   | 121-LFBGA                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 80                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                          |
| DETAILED DESCRIPTION             | V850ES V850ES/Jx3-L Microcontroller IC 32-Bit 20MHz 512KB (512K x 8) FLASH 121-LFBGA (8x8)                                 |
| DATA CONVERTERS                  | A/D 12x10b; D/A 2x8b                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                     |
| CORE PROCESSOR                   | V850ES                                                                                                                     |
| CONNECTIVITY                     | CSI, EBI/EMI, I <sup>2</sup> C, UART/USART, USB                                                                            |

Related Tags

|                                                |                                            |                                                    |
|------------------------------------------------|--------------------------------------------|----------------------------------------------------|
| Renesas Electronics America UPD70F3796F1-CAH-A | UPD70F3796F1-CAH-A Distributor             | UPD70F3796F1-CAH-A Supplier                        |
| UPD70F3796F1-CAH-A Price                       | UPD70F3796F1-CAH-A Pictures                | UPD70F3796F1-CAH-A Image                           |
| UPD70F3796F1-CAH-A PDF Datasheet               | UPD70F3796F1-CAH-A Download Datasheet      | UPD70F3796F1-CAH-A Datasheet                       |
| UPD70F3796F1-CAH-A Stock                       | Buy UPD70F3796F1-CAH-A                     | Buy Renesas Electronics America UPD70F3796F1-CAH-A |
| Renesas Electronics America UPD70F3796F1-CAH-A | Renesas Electronics America Supplier       | Renesas Electronics America Distributor            |
| Renesas Electronics America UPD70F3796F1-CAH-A | Renesas Technology Corp UPD70F3796F1-CAH-A | Renesas UPD70F3796F1-CAH-A                         |

Related Products

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|  <div><b>UPD70F3794GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 6556 pcs<br/><div>RFQ</div></div>  |  <div><b>UPD70F3793GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 5529 pcs<br/><div>RFQ</div></div>  |
|  <div><b>UPD70F3801GA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 3293 pcs<br/><div>RFQ</div></div>   |  <div><b>UPD70F3796GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 5889 pcs<br/><div>RFQ</div></div>  |
|  <div><b>UPD70F3793F1-CAH-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 3649 pcs<br/><div>RFQ</div></div>   |  <div><b>UPD70F3794F1-CAH-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 4089 pcs<br/><div>RFQ</div></div>    |
|  <div><b>UPD70F3804GA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 16334 pcs<br/><div>RFQ</div></div> |  <div><b>UPD70F3805GB(R)-GAH-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 16KB FLASH 64LQFP<br/>In stock: 6721 pcs<br/><div>RFQ</div></div> |
|  <div><b>UPD70F3795F1-CAH-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 121BGA<br/>In stock: 6809 pcs<br/><div>RFQ</div></div>   |  <div><b>UPD70F3802GA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 18890 pcs<br/><div>RFQ</div></div>   |
|  <div><b>UPD70F3795GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100QFP<br/>In stock: 4173 pcs<br/><div>RFQ</div></div>  |  <div><b>UPD70F3803GA-GAM-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 3687 pcs<br/><div>RFQ</div></div>    |