



**RENESAS**

Renesas Electronics America

## UPD78F1008F1-AN1-A


|                      |  |
|----------------------|--|
| Part Number:         | UPD78F1008F1-AN1-A   |
| Manufacturer/Brand:  | Renesas Electronics America  |
| Product description: | IC MCU 16BIT 48KB FLASH 64BGA  |
| Datasheets:          |  <a href="#">UPD78F1008F1-AN1-A.pdf</a> |
| RoHS Status:         |  Lead free / RoHS Compliant             |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

**RENESAS**

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.




### Specifications of UPD78F1008F1-AN1-A

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | UPD78F1008F1-AN1-A   |
| MANUFACTURER                     | Renesas Electronics America  |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 64BGA  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       |  <a href="#">UPD78F1008F1-AN1-A.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V  |
| SPEED                            | 20MHz  |
| SERIES                           | 78K0R/Kx3-L  |
| RAM SIZE                         | 2K x 8   |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)   |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT  |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 64-VFBGA   |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| NUMBER OF I/O                    | 50   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| EEPROM SIZE                      | -  |
| DETAILED DESCRIPTION             | 78K/0R 78K0R/Kx3-L Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH  |
| DATA CONVERTERS                  | A/D 12x10b   |
| CORE SIZE                        | 16-Bit   |
| CORE PROCESSOR                   | 78K/0R   |
| CONNECTIVITY                     | 3-Wire SIO, I <sup>2</sup> C, LINbus, UART/USART   |

### Related Tags

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| Renesas Electronics America UPD78F1008F1-AN1-A | UPD78F1008F1-AN1-A Distributor             | UPD78F1008F1-AN1-A Supplier                        |
| UPD78F1008F1-AN1-A Price                       | UPD78F1008F1-AN1-A Pictures                | UPD78F1008F1-AN1-A Image                           |
| UPD78F1008F1-AN1-A PDF Datasheet               | UPD78F1008F1-AN1-A Download Datasheet      | UPD78F1008F1-AN1-A Datasheet                       |
| UPD78F1008F1-AN1-A Stock                       | Buy UPD78F1008F1-AN1-A                     | Buy Renesas Electronics America UPD78F1008F1-AN1-A |
| Renesas Electronics America UPD78F1008F1-AN1-A | Renesas Electronics America Supplier       | Renesas Electronics America Distributor            |
| Renesas Electronics America UPD78F1008F1-AN1-A | Renesas Technology Corp UPD78F1008F1-AN1-A | Renesas UPD78F1008F1-AN1-A                         |

### Related Products

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|---|--|
|  <p><b>UPD78F1006GB-GAG-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 52LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1008GA-HAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>UPD78F1009GB-GAH-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1008GK-GAJ-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>UPD78F1009GA-HAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1007GA-HAB-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>UPD78F1007GK-GAJ-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1005GB-GAG-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 52LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>UPD78F1007GB-GAH-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1009F1-AN1-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |
|  <p><b>UPD78F1008GB-GAH-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>UPD78F1007F1-AN1-A</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |