



Renesas Electronics America



Image may be representation. See specifications for product details.

UPD78F1512AGK-GAK-AX

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UPD78F1512AGK-GAK-AX                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                |
| Product description | IC MCU 16BIT 128KB FLASH 80LQFP                                                                                            |
| Datasheets:         |  <a href="#">UPD78F1512AGK-GAK-AX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

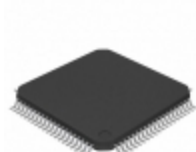
Specifications of UPD78F1512AGK-GAK-AX

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UPD78F1512AGK-GAK-AX                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 80LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| DATA SHEET                       |  <a href="#">UPD78F1512AGK-GAK-AX.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                |
| SPEED                            | 20MHz                                                                                                                        |
| SERIES                           | 78K0R/Lx3                                                                                                                    |
| RAM SIZE                         | 7K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                        |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                             |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 46                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                            |
| DETAILED DESCRIPTION             | 78K/0R 78K0R/Lx3 Microcontroller IC 16-Bit 20MHz 128KB (128K x 8) FLASH                                                      |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                       |
| CORE PROCESSOR                   | 78K/0R                                                                                                                       |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                                                 |
| BASE PART NUMBER                 | UPD78F1512A                                                                                                                  |

Related Tags

|                                                  |                                              |                                                      |
|--------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| Renesas Electronics America UPD78F1512AGK-GAK-AX | UPD78F1512AGK-GAK-AX Distributor             | UPD78F1512AGK-GAK-AX Supplier                        |
| UPD78F1512AGK-GAK-AX Price                       | UPD78F1512AGK-GAK-AX Pictures                | UPD78F1512AGK-GAK-AX Image                           |
| UPD78F1512AGK-GAK-AX PDF Datasheet               | UPD78F1512AGK-GAK-AX Download Datasheet      | UPD78F1512AGK-GAK-AX Datasheet                       |
| UPD78F1512AGK-GAK-AX Stock                       | Buy UPD78F1512AGK-GAK-AX                     | Buy Renesas Electronics America UPD78F1512AGK-GAK-AX |
| Renesas Electronics America UPD78F1512AGK-GAK-AX | Renesas Electronics America Supplier         | Renesas Electronics America Distributor              |
| Renesas Electronics America UPD78F1512AGK-GAK-AX | Renesas Technology Corp UPD78F1512AGK-GAK-AX | Renesas UPD78F1512AGK-GAK-AX                         |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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|  <p><b>UPD78F1518AGF-GAT-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 128KB FLASH 128LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p> |  <p><b>UPD78F1513AGC-UEU-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 64KB FLASH 100LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |
|  <p><b>UPD78F1510AGC-GAD-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 64KB FLASH 80LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>   |  <p><b>UPD78F1515AGC-UEU-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 128KB FLASH 100LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p> |
|  <p><b>UPD78F1847AGK-GAK-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 128KB FLASH 80LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |  <p><b>UPD78F1510AGK-GAK-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 64KB FLASH 80LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>   |
|  <p><b>UPD78F1516AGF-GAT-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 64KB FLASH 128LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |  <p><b>UPD78F1506AGF-GAT-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 64KB FLASH 128LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |
|  <p><b>UPD78F1508AGF-GAT-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 128KB FLASH 128LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p> |  <p><b>UPD78F1512AGC-GAD-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 128KB FLASH 80LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |
|  <p><b>UPD78F1846AGK-GAK-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 96KB FLASH 80LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>   |  <p><b>UPD78F1507AGF-GAT-AX</b></p> <p>Manufacturers: Renesas Electronics America</p> <p>Description: IC MCU 16BIT 96KB FLASH 128LQFP</p> <p>In stock: Out stock</p> <p><b>RFQ</b></p>  |