



Renesas Electronics America



UPD70F3744GJ-GAE-AX

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UPD70F3744GJ-GAE-AX                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                                          |
| Datasheets:         |  <a href="#">UPD70F3744GJ-GAE-AX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 5528 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.

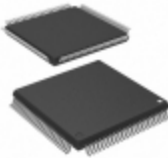
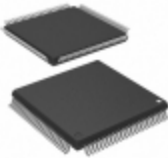
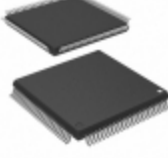
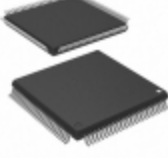
Specifications of UPD70F3744GJ-GAE-AX

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UPD70F3744GJ-GAE-AX                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 5528 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">UPD70F3744GJ-GAE-AX.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.85 V ~ 3.6 V                                                                                                              |
| SPEED                            | 32MHz                                                                                                                       |
| SERIES                           | V850ES/Jx3                                                                                                                  |
| 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                   | 144-LQFP                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 128                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                           |
| DETAILED DESCRIPTION             | V850ES V850ES/Jx3 Microcontroller IC 32-Bit 32MHz 512KB (512K x 8) FLASH                                                    |
| DATA CONVERTERS                  | A/D 16x10b; D/A 2x8b                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                                      |
| CORE PROCESSOR                   | V850ES                                                                                                                      |
| CONNECTIVITY                     | CSI, EBI/EMI, I <sup>2</sup> C, UART/USART                                                                                  |

Related Tags

|                                                 |                                             |                                                     |
|-------------------------------------------------|---------------------------------------------|-----------------------------------------------------|
| Renesas Electronics America UPD70F3744GJ-GAE-AX | UPD70F3744GJ-GAE-AX Distributor             | UPD70F3744GJ-GAE-AX Supplier                        |
| UPD70F3744GJ-GAE-AX Price                       | UPD70F3744GJ-GAE-AX Pictures                | UPD70F3744GJ-GAE-AX Image                           |
| UPD70F3744GJ-GAE-AX PDF Datasheet               | UPD70F3744GJ-GAE-AX Download Datasheet      | UPD70F3744GJ-GAE-AX Datasheet                       |
| UPD70F3744GJ-GAE-AX Stock                       | Buy UPD70F3744GJ-GAE-AX                     | Buy Renesas Electronics America UPD70F3744GJ-GAE-AX |
| Renesas Electronics America UPD70F3744GJ-GAE-AX | Renesas Electronics America Supplier        | Renesas Electronics America Distributor             |
| Renesas Electronics America UPD70F3744GJ-GAE-AX | Renesas Technology Corp UPD70F3744GJ-GAE-AX | Renesas UPD70F3744GJ-GAE-AX                         |

Related Products

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| <div></div> <div><b>UPD70F3746GJ-GAE-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 5674 pcs</div> <div>RFQ</div>   | <div></div> <div><b>UPD70F3747GB-GAH-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 6743 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>UPD70F3739GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 5120 pcs</div> <div>RFQ</div> | <div></div> <div><b>UPD70F3752GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 3036 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD70F3742GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 4648 pcs</div> <div>RFQ</div>   | <div></div> <div><b>UPD70F3738GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 3240 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD70F3750GK-GAK-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 5150 pcs</div> <div>RFQ</div>  | <div></div> <div><b>UPD70F3743GJ-GAE-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 4128 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD70F3745GJ-GAE-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 6475 pcs</div> <div>RFQ</div> | <div></div> <div><b>UPD70F3757GJ-GAE-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 2983 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>UPD70F3741GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 4899 pcs</div> <div>RFQ</div> | <div></div> <div><b>UPD70F3740GC-UEU-AX</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 9989 pcs</div> <div>RFQ</div> |

