



International Rectifier (Infineon Technologies)

Technologies)



Image may be representation. See specifications for product details.

XMC4500F144F1024ACXQMA1

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | XMC4500F144F1024ACXQMA1                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 144LQFP                                                                                |
| Datasheets:         |  XMC4500F144F1024ACXQMA1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 9486 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

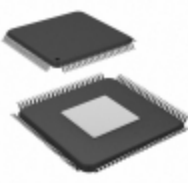
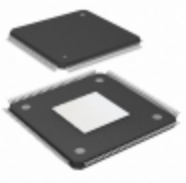
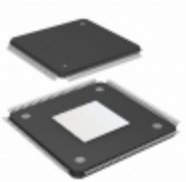
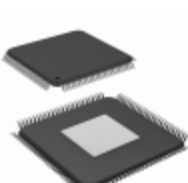
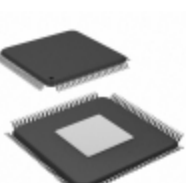
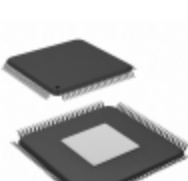
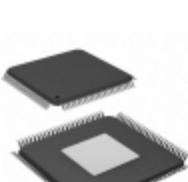
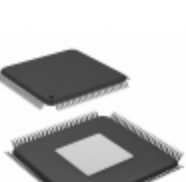
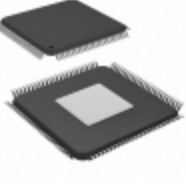
Specifications of XMC4500F144F1024ACXQMA1

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XMC4500F144F1024ACXQMA1                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144LQFP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 9486 pcs                                                                                                        |
| DATA SHEET                       |  XMC4500F144F1024ACXQMA1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 3.63 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                |
| SPEED                            | 120MHz                                                                                                          |
| SERIES                           | XMC4000                                                                                                         |
| RAM SIZE                         | 160K x 8                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                           |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                    |
| PERIPHERALS                      | DMA, I <sup>2</sup> S, LED, POR, PWM, WDT                                                                       |
| PACKAGING                        | Tray                                                                                                            |
| PACKAGE / CASE                   | 144-LQFP Exposed Pad                                                                                            |
| OTHER NAMES                      | SP001146706                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                               |
| NUMBER OF I/O                    | 91                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| EEPROM SIZE                      | -                                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 XMC4000 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)                    |
| DATA CONVERTERS                  | A/D 32x12b, D/A 2x12b                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                 |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, SPI, UART, USB                                             |

Related Tags

|                                                                         |                                                          |                                                                             |
|-------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) XMC4500F144F1024ACXQMA1 | XMC4500F144F1024ACXQMA1 Distributor                      | XMC4500F144F1024ACXQMA1 Supplier                                            |
| XMC4500F144F1024ACXQMA1 Price                                           | XMC4500F144F1024ACXQMA1 Pictures                         | XMC4500F144F1024ACXQMA1 Image                                               |
| XMC4500F144F1024ACXQMA1 PDF Datasheet                                   | XMC4500F144F1024ACXQMA1 Download Datasheet               | XMC4500F144F1024ACXQMA1 Datasheet                                           |
| XMC4500F144F1024ACXQMA1 Stock                                           | Buy XMC4500F144F1024ACXQMA1                              | Buy International Rectifier (Infineon Technologies) XMC4500F144F1024ACXQMA1 |
| International Rectifier (Infineon Technologies) XMC4500F144F1024ACXQMA1 | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor                 |
| International Rectifier (Infineon Technologies) XMC4500F144F1024ACXQMA1 | International Rectifier XMC4500F144F1024ACXQMA1          | Infineon Technologies XMC4500F144F1024ACXQMA1                               |
| International Rectifier (Infineon Technologies) XMC4500F144F1024ACXQMA1 | IR (Infineon Technologies) XMC4500F144F1024ACXQMA1       |                                                                             |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XMC4500F100K1024ABXQSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 6650 pcs<br/>RFQ</div>   |  <div><b>XMC4500F144F768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 10955 pcs<br/>RFQ</div>   |
|  <div><b>XMC4500F144K1024ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9799 pcs<br/>RFQ</div>   |  <div><b>XMC4500F144K768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 11313 pcs<br/>RFQ</div>   |
|  <div><b>XMC4504F100F512ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 16553 pcs<br/>RFQ</div> |  <div><b>XMC4500F100F768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 13498 pcs<br/>RFQ</div>   |
|  <div><b>XMC4500F100F1024ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 13438 pcs<br/>RFQ</div>  |  <div><b>XMC4500F100K1024ACXQSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 7937 pcs<br/>RFQ</div>   |
|  <div><b>XMC4502F100K768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 10472 pcs<br/>RFQ</div> |  <div><b>XMC4500F100K768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 11983 pcs<br/>RFQ</div>   |
|  <div><b>XMC4500F144F1024ABXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 4515 pcs<br/>RFQ</div>   |  <div><b>XMC4502F100F768ACXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 18006 pcs<br/>RFQ</div> |