



International Rectifier (Infineon Technologies)

Technologies)



XMC4400F64K512BAXQMA1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XMC4400F64K512BAXQMA1                                                                                        |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC MCU 32BIT 512KB FLASH 64TQFP                                                                              |
| Datasheets:         |  XMC4400F64K512BAXQMA1.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15080 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.

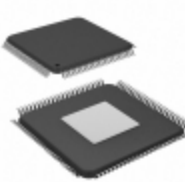
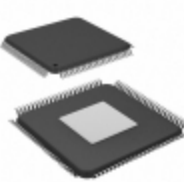
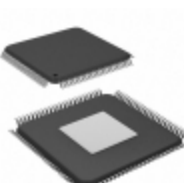
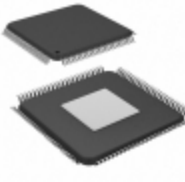
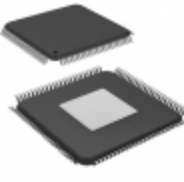
Specifications of XMC4400F64K512BAXQMA1

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XMC4400F64K512BAXQMA1                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                               |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64TQFP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| QUANTITY AVAILABLE               | 15080 pcs                                                                                                     |
| DATA SHEET                       |  XMC4400F64K512BAXQMA1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 3.63 V                                                                                               |
| SUPPLIER DEVICE PACKAGE          | PG-TQFP-64-19                                                                                                 |
| SPEED                            | 120MHz                                                                                                        |
| SERIES                           | XMC4000                                                                                                       |
| RAM SIZE                         | 80K x 8                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                         |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                              |
| PERIPHERALS                      | DMA, I²S, LED, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                          |
| PACKAGE / CASE                   | 64-TQFP Exposed Pad                                                                                           |
| OTHER NAMES                      | SP001182566                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                            |
| NUMBER OF I/O                    | 31                                                                                                            |
| 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 512KB (512K x 8) FLASH PG-TQFP-64-19                 |
| DATA CONVERTERS                  | A/D 14x12b; D/A 2x12b                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                               |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, LINbus, SPI, UART, USB                                                                 |

Related Tags

|                                                                       |                                                          |                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) XMC4400F64K512BAXQMA1 | XMC4400F64K512BAXQMA1 Distributor                        | XMC4400F64K512BAXQMA1 Supplier                                            |
| XMC4400F64K512BAXQMA1 Price                                           | XMC4400F64K512BAXQMA1 Pictures                           | XMC4400F64K512BAXQMA1 Image                                               |
| XMC4400F64K512BAXQMA1 PDF Datasheet                                   | XMC4400F64K512BAXQMA1 Download Datasheet                 | XMC4400F64K512BAXQMA1 Datasheet                                           |
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Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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|  <div><b>XMC4402F100F256ABXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 18108 pcs<br/>RFQ</div> |  <div><b>XMC4400F64F256BAXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 20641 pcs<br/>RFQ</div>   |
|  <div><b>XMC4402F100K256BAXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14788 pcs<br/>RFQ</div> |  <div><b>XMC4402F100F256BAXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 16729 pcs<br/>RFQ</div> |
|  <div><b>XMC4402F64F256ABXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 19163 pcs<br/>RFQ</div>   |  <div><b>XMC4400F64F512BAXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 10489 pcs<br/>RFQ</div>   |
|  <div><b>XMC4400F64F512ABXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 13222 pcs<br/>RFQ</div>   |  <div><b>XMC4400F64K512ABXQSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 512KB FLASH 64YQFP<br/>In stock: 10234 pcs<br/>RFQ</div>   |
|  <div><b>XMC4400F64K256ABXQSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 14083 pcs<br/>RFQ</div>   |  <div><b>XMC4400F64K256BAXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 18664 pcs<br/>RFQ</div>   |
|  <div><b>XMC4402F100K256BAXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 18302 pcs<br/>RFQ</div> |  <div><b>XMC4402F100K256ABXQSA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14292 pcs<br/>RFQ</div> |