



International Rectifier (Infineon Technologies)

Technologies)



XMC1301T016F0008AAXUMA1

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | XMC1301T016F0008AAXUMA1                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                               |
| Product description | IC MCU 32BIT 8KB FLASH 16TSSOP                                                                                |
| Datasheets:         |  XMC1301T016F0008AAXUMA1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 4316 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 XMC1301T016F0008AAXUMA1

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XMC1301T016F0008AAXUMA1                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 8KB FLASH 16TSSOP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 4316 pcs                                                                                                        |
| DATA SHEET                       |  XMC1301T016F0008AAXUMA1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | PG-TSSOP-16-8                                                                                                   |
| SPEED                            | 32MHz                                                                                                           |
| SERIES                           | XMC1000                                                                                                         |
| RAM SIZE                         | 16K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                           |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, I²S, POR, PWM, WDT                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width)                                                                                 |
| OTHER NAMES                      | SP001077496                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                               |
| NUMBER OF I/O                    | 11                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| EEPROM SIZE                      | -                                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 XMC1000 Microcontroller IC 32-Bit 32MHz 8KB (8K x 8) FLASH PG-TSSOP-16-8                        |
| DATA CONVERTERS                  | A/D 11x12b                                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                    |

Related Tags

|                                                                         |                                                          |                                                                             |
|-------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) XMC1301T016F0008AAXUMA1 | XMC1301T016F0008AAXUMA1 Distributor                      | XMC1301T016F0008AAXUMA1 Supplier                                            |
| XMC1301T016F0008AAXUMA1 Price                                           | XMC1301T016F0008AAXUMA1 Pictures                         | XMC1301T016F0008AAXUMA1 Image                                               |
| XMC1301T016F0008AAXUMA1 PDF Datasheet                                   | XMC1301T016F0008AAXUMA1 Download Datasheet               | XMC1301T016F0008AAXUMA1 Datasheet                                           |
| XMC1301T016F0008AAXUMA1 Stock                                           | Buy XMC1301T016F0008AAXUMA1                              | Buy International Rectifier (Infineon Technologies) XMC1301T016F0008AAXUMA1 |
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| International Rectifier (Infineon Technologies) XMC1301T016F0008AAXUMA1 | International Rectifier XMC1301T016F0008AAXUMA1          | Infineon Technologies XMC1301T016F0008AAXUMA1                               |
| International Rectifier (Infineon Technologies) XMC1301T016F0008AAXUMA1 | IR (Infineon Technologies) XMC1301T016F0008AAXUMA1       |                                                                             |

Related Products

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                           |
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|  <div><b>XMC1301T016X0008ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 8KB FLASH 16TSSOP<br/>In stock: 125018 pcs</div> <div>RFQ</div> |  <div><b>XMC1301Q024F0016ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 16KB FLASH 24VQFN<br/>In stock: 143711 pcs</div> <div>RFQ</div>  |
|  <div><b>XMC1301T016F0008ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 8KB FLASH 16TSSOP<br/>In stock: 164672 pcs</div> <div>RFQ</div> |  <div><b>XMC1301T016X0008AAXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 8KB FLASH 16TSSOP<br/>In stock: 158731 pcs</div> <div>RFQ</div>  |
|  <div><b>XMC1301Q040F0032ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 32KB FLASH 40VQFN<br/>In stock: 127563 pcs</div> <div>RFQ</div> |  <div><b>XMC1301T016F0016ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 16KB FLASH 16TSSOP<br/>In stock: 149638 pcs</div> <div>RFQ</div> |
|  <div><b>XMC1301T016F0016AAXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 16KB FLASH 16TSSOP<br/>In stock: 5210 pcs</div> <div>RFQ</div>  |  <div><b>XMC1202T028X0064ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 64KB FLASH 28TSSOP<br/>In stock: 40541 pcs</div> <div>RFQ</div>  |
|  <div><b>XMC1301Q040F0016ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 16KB FLASH 40VQFN<br/>In stock: 126011 pcs</div> <div>RFQ</div> |  <div><b>XMC1301T016F0032ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 32KB FLASH 16TSSOP<br/>In stock: 109776 pcs</div> <div>RFQ</div> |
|  <div><b>XMC1301Q024F0008ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 8KB FLASH 24VQFN<br/>In stock: 139742 pcs</div> <div>RFQ</div>  |  <div><b>XMC1301Q040F0008ABXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 32BIT 8KB FLASH 40VQFN<br/>In stock: 122603 pcs</div> <div>RFQ</div>   |