



International Rectifier (Infineon Technologies)

Technologies)



**XC164CM8F40FAAFXUMA1**

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC164CM8F40FAAFXUMA1                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                            |
| Product description | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                             |
| Datasheets:         |  <a href="#">XC164CM8F40FAAFXUMA1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 14454 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 XC164CM8F40FAAFXUMA1

|                                  |                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC164CM8F40FAAFXUMA1                                                                                                                                                                                                                          |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 14454 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       |  <a href="#">XC164CM8F40FAAFXUMA1.pdf</a>                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 2.7 V                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                               |
| SPEED                            | 40MHz                                                                                                                                                                                                                                         |
| SERIES                           | XC16x                                                                                                                                                                                                                                         |
| RAM SIZE                         | 6K x 8                                                                                                                                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                                                |
| PERIPHERALS                      | PWM, WDT                                                                                                                                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                                       |
| OTHER NAMES                      | FX164CM8F40FAAXT<br>SAF-XC164CM-8F40F AA<br>SAF-XC164CM-8F40FAA<br>SAF-XC164CM-8F40FAAINTR<br>SAF-XC164CM-8F40FAAINTR-ND<br>SAF-XC164CM-8F40FAATR<br>SAF-XC164CM-8F40FAATR-ND<br>SAFXC164CM8F40FAAXT<br>SP000065635<br>XC164CM8F40FAAFXUMA1TR |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 47                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | C166SV2 XC16x Microcontroller IC 16-Bit 40MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 14x8/10b                                                                                                                                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | C166SV2                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | CANbus, SPI, UART/USART                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | SA*XC164CM                                                                                                                                                                                                                                    |

Related Tags

|                                                                         |                                                          |                                                                             |
|-------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies)<br>XC164CM8F40FAAFXUMA1 | XC164CM8F40FAAFXUMA1 Distributor                         | XC164CM8F40FAAFXUMA1 Supplier                                               |
| XC164CM8F40FAAFXUMA1 Price                                              | XC164CM8F40FAAFXUMA1 Pictures                            | XC164CM8F40FAAFXUMA1 Image                                                  |
| XC164CM8F40FAAFXUMA1 PDF Datasheet                                      | XC164CM8F40FAAFXUMA1 Download Datasheet                  | XC164CM8F40FAAFXUMA1 Datasheet                                              |
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| International Rectifier (Infineon Technologies)<br>XC164CM8F40FAAFXUMA1 | IR (Infineon Technologies) XC164CM8F40FAAFXUMA1          |                                                                             |

Related Products

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|  <div><b>XC164CS16F40FBBFXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 4958 pcs<br/>RFQ</div> |  <div><b>XC164CM U CAN</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: KIT U-CAN STARTER XC164CM<br/>In stock: 4712 pcs<br/>RFQ</div>                |
|  <div><b>XC164CM8F40FAAFXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 11009 pcs<br/>RFQ</div>   |  <div><b>XC164CM16F40FBAFXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 8469 pcs<br/>RFQ</div>  |
|  <div><b>XC164CS16F40FBBKXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 6365 pcs<br/>RFQ</div> |  <div><b>XC164CS16F40FBBFXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 8274 pcs<br/>RFQ</div> |
|  <div><b>XC164CM8F40FAAKXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 14070 pcs<br/>RFQ</div>   |  <div><b>XC164CM16F40FBAKXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 8279 pcs<br/>RFQ</div>  |
|  <div><b>XC164CM16F20FBAKXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 11158 pcs<br/>RFQ</div> |  <div><b>XC164CM8F40FAAKXQMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 12394 pcs<br/>RFQ</div>   |
|  <div><b>XC164CS16F20FBBKXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 6026 pcs<br/>RFQ</div> |  <div><b>XC164CM16F40FBAKXUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 10707 pcs<br/>RFQ</div> |

