

SAF-XE164H-96F66L AC



Part Number: [SAF-XE164H-96F66L AC](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC MCU 16BIT 768KB FLASH 100LQFP

Data sheet:  [XE166 Errata](#)  
 [XE164 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

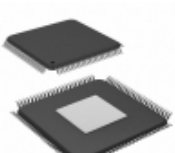
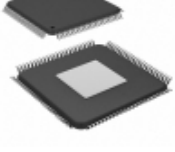
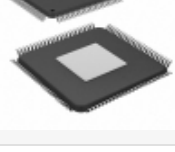
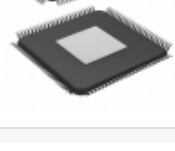
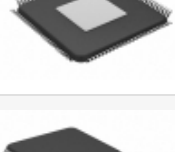
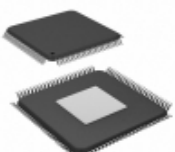
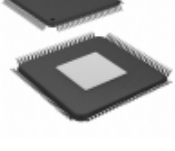
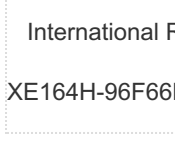
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                    |                                  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAF-XE164H-96F66L AC                                                               | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 768KB FLASH 100LQFP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5589 pcs                                                                           | Data sheet                       | <a href="#">XE166 Errata</a><br><a href="#">XE164 Datasheet</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PG-LQFP-100-3                                                                      | Speed                            | 66MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | XE16x                                                                              | RAM Size                         | 82K x 8                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                              | Program Memory Size              | 768KB (768K x 8)                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | I <sup>2</sup> S, POR, PWM, WDT                                                    | Packaging                        | Tape & Reel (TR)                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100-LQFP Exposed Pad                                                               | Other Names                      | SAF-XE164H-96F66L AC-ND<br>SAF-XE164H-96F66LAC<br>SP000363765<br>XE164H96F66LACFXUMA1 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                                                         | EEPROM Size                      | -                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C166SV2 XE16x Microcontroller IC 16-Bit 66MHz 768KB (768K x 8) FLASH PG-LQFP-100-3 | Data Converters                  | A/D 16x10b                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-Bit                                                                             | Core Processor                   | C166SV2                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EBI/EMI, I <sup>2</sup> C, LINbus, SPI, SSC, UART/USART, USI                       | Base Part Number                 | SA*XE164H                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 5589 pieces of International Rectifier (Infineon Technologies) SAF-XE164H-96F66L AC in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                    |                                  |                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                               |                                                                                |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">SAF-XE164FM-48F80L AA</a><br>Description: IC MCU 16BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164H-72F66L AC</a><br>Description: IC MCU 16BIT 576KB FLASH 100LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164GN-24F80L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164KN-24F80L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">SAF-XE164HM-48F80L AA</a><br>Description: IC MCU 16BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164FN-24F80L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164GN-40F80L AA</a><br>Description: IC MCU 16BIT 320KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164KM-24F80L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164HM-24F80L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE167FM-48F80L AA</a><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164K-24F66L AC</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE167GM-48F80L AA</a><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164GM-48F80L AA</a><br>Description: IC MCU 16BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164H-24F66L AC</a><br>Description: IC MCU 16BIT 192KB FLASH 100LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164KN-40F80L AA</a><br>Description: IC MCU 16BIT 320KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">SAF-XE164H-48F66L AC</a><br>Description: IC MCU 16BIT 384KB FLASH 100LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XE164GN-16F80L AA</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

Related keywords for SAF-XE164H-96F66L AC

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|                                                                      | SAF-XE164H-96F66L AC download datasheet                              | SAF-XE164H-96F66L AC datasheet                                       | SAF-XE164H-96F66L AC stock                      |
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