



International Rectifier (Infineon Technologies)

Technologies)

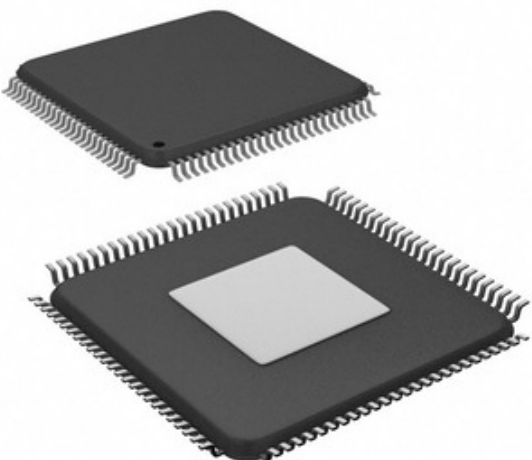


Image may be representation. See specifications for product details.

### SAF-XE164KM-24F80L AA

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SAF-XE164KM-24F80L AA                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                             |
| Product description | IC MCU 16BIT 192KB FLASH 100LQFP                                                                                            |
| Datasheets:         |  <a href="#">SAF-XE164KM-24F80L AA.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant                |
| Stock Condition     | 5852 pcs stock                                                                                                              |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

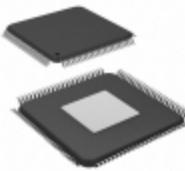
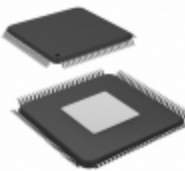
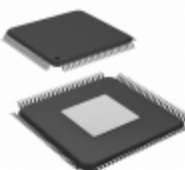
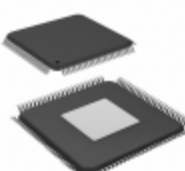
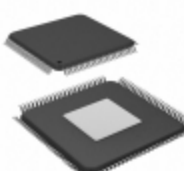
#### Specifications of SAF-XE164KM-24F80L AA

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SAF-XE164KM-24F80L AA                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 192KB FLASH 100LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 5852 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">SAF-XE164KM-24F80L AA.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | PG-LQFP-100-8                                                                                                                 |
| SPEED                            | 80MHz                                                                                                                         |
| SERIES                           | XE16x                                                                                                                         |
| RAM SIZE                         | 24K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 192KB (192K x 8)                                                                                                              |
| PERIPHERALS                      | I <sup>2</sup> S, POR, PWM, WDT                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                              |
| PACKAGE / CASE                   | 100-LQFP Exposed Pad                                                                                                          |
| OTHER NAMES                      | SAF-XE164KM-24F80L AA-ND<br>SAF-XE164KM-24F80LAA<br>SP000397580                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 76                                                                                                                            |
| 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 80MHz 192KB (192K x 8) FLASH PG-LQFP-100-8                                            |
| DATA CONVERTERS                  | A/D 11x10b                                                                                                                    |
| 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*XE164KM                                                                                                                    |

#### Related Tags

|                                                                       |                                                          |                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) SAF-XE164KM-24F80L AA | SAF-XE164KM-24F80L AA Distributor                        | SAF-XE164KM-24F80L AA Supplier                                            |
| SAF-XE164KM-24F80L AA Price                                           | SAF-XE164KM-24F80L AA Pictures                           | SAF-XE164KM-24F80L AA Image                                               |
| SAF-XE164KM-24F80L AA PDF Datasheet                                   | SAF-XE164KM-24F80L AA Download Datasheet                 | SAF-XE164KM-24F80L AA Datasheet                                           |
| SAF-XE164KM-24F80L AA Stock                                           | Buy SAF-XE164KM-24F80L AA                                | Buy International Rectifier (Infineon Technologies) SAF-XE164KM-24F80L AA |
| International Rectifier (Infineon Technologies) SAF-XE164KM-24F80L AA | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor               |
| International Rectifier (Infineon Technologies) SAF-XE164KM-24F80L AA | International Rectifier SAF-XE164KM-24F80L AA            | Infineon Technologies SAF-XE164KM-24F80L AA                               |
| International Rectifier (Infineon Technologies) SAF-XE164KM-24F80L AA | IR (Infineon Technologies) SAF-XE164KM-24F80L AA         |                                                                           |

#### Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SAF-XE167GM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 3594 pcs</div> <div>RFQ</div> |  <div><b>SAF-XE164K-24F66L AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 6898 pcs</div> <div>RFQ</div>  |
|  <div><b>SAF-XE164HM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: 5989 pcs</div> <div>RFQ</div> |  <div><b>SAF-XE167GM-72F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 144LQFP<br/>In stock: 5678 pcs</div> <div>RFQ</div> |
|  <div><b>SAF-XE164K-72F66L AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 3685 pcs</div> <div>RFQ</div>  |  <div><b>SAF-XE167FM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 4763 pcs</div> <div>RFQ</div> |
|  <div><b>SAF-XE164HM-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 5502 pcs</div> <div>RFQ</div> |  <div><b>SAF-XE167H-72F66L AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 144LQFP<br/>In stock: 4705 pcs</div> <div>RFQ</div>  |
|  <div><b>SAF-XE164KN-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 5226 pcs</div> <div>RFQ</div> |  <div><b>SAF-XE164H-96F66L AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 768KB FLASH 100LQFP<br/>In stock: 3082 pcs</div> <div>RFQ</div>  |
|  <div><b>SAF-XE164HN-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 3276 pcs</div> <div>RFQ</div> |  <div><b>SAF-XE164KN-40F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 320KB FLASH 100LQFP<br/>In stock: 4330 pcs</div> <div>RFQ</div> |

