



International Rectifier (Infineon Technologies)

Technologies)



Image may be representation. See specifications for product details.

### SAK-XE167KM-48F80L AA

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SAK-XE167KM-48F80L AA                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                             |
| Product description | IC MCU 16BIT 384KB FLASH 144LQFP                                                                                            |
| Datasheets:         |  <a href="#">SAK-XE167KM-48F80L AA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                |
| Stock Condition     | 4288 pcs stock                                                                                                              |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

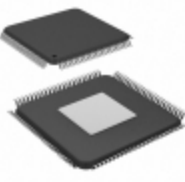
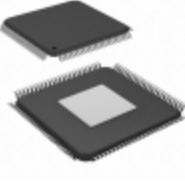
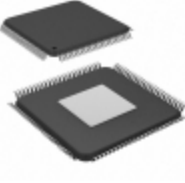
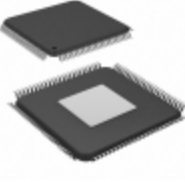
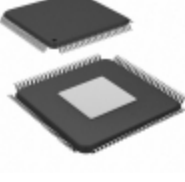
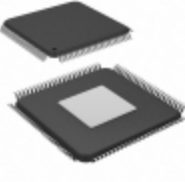
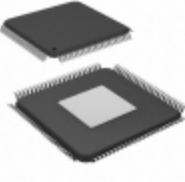
#### Specifications of SAK-XE167KM-48F80L AA

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SAK-XE167KM-48F80L AA                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 384KB FLASH 144LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 4288 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">SAK-XE167KM-48F80L AA.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                              |
| SPEED                            | 80MHz                                                                                                                         |
| SERIES                           | XE16x                                                                                                                         |
| RAM SIZE                         | 34K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                                              |
| PERIPHERALS                      | I <sup>2</sup> S, POR, PWM, WDT                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                              |
| PACKAGE / CASE                   | 144-LQFP Exposed Pad                                                                                                          |
| OTHER NAMES                      | SAK-XE167KM-48F80L AA-ND<br>SAK-XE167KM-48F80LAA<br>SP000628648                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 119                                                                                                                           |
| 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 384KB (384K x 8) FLASH 144-LQFP (20x20)                                         |
| 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*XE167KM                                                                                                                    |

#### Related Tags

|                                                                       |                                                          |                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) SAK-XE167KM-48F80L AA | SAK-XE167KM-48F80L AA Distributor                        | SAK-XE167KM-48F80L AA Supplier                                            |
| SAK-XE167KM-48F80L AA Price                                           | SAK-XE167KM-48F80L AA Pictures                           | SAK-XE167KM-48F80L AA Image                                               |
| SAK-XE167KM-48F80L AA PDF Datasheet                                   | SAK-XE167KM-48F80L AA Download Datasheet                 | SAK-XE167KM-48F80L AA Datasheet                                           |
| SAK-XE167KM-48F80L AA Stock                                           | Buy SAK-XE167KM-48F80L AA                                | Buy International Rectifier (Infineon Technologies) SAK-XE167KM-48F80L AA |
| International Rectifier (Infineon Technologies) SAK-XE167KM-48F80L AA | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor               |
| International Rectifier (Infineon Technologies) SAK-XE167KM-48F80L AA | International Rectifier SAK-XE167KM-48F80L AA            | Infineon Technologies SAK-XE167KM-48F80L AA                               |
| International Rectifier (Infineon Technologies) SAK-XE167KM-48F80L AA | IR (Infineon Technologies) SAK-XE167KM-48F80L AA         |                                                                           |

#### Related Products

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                       |
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| <div></div> <div><b>SAK-XE164KN-40F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 320KB FLASH 100LQFP<br/>In stock: 4929 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE167HM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 5214 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SAK-XE164KN-16F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 5567 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE164KM-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 6355 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SAK-XE167FM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 2922 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE167GM-72F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 144LQFP<br/>In stock: 3503 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SAK-XE164HN-40F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 320KB FLASH 100LQFP<br/>In stock: 4363 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE167KM-72F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 144LQFP<br/>In stock: 3900 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SAK-XE164KM-72F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 5679 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE167GM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br/>In stock: 5514 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SAK-XE164KN-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 100LQFP<br/>In stock: 4479 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SAK-XE164KM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: 6581 pcs<br/><div>RFQ</div></div> |

