



International Rectifier (Infineon Technologies)

Technologies)



SAF-XE162FM-48F80L AA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SAF-XE162FM-48F80L AA                                                                                        |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                              |
| Product description | IC MCU 16BIT 384KB FLASH 64LQFP                                                                              |
| Datasheets:         |  SAF-XE162FM-48F80L AA.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

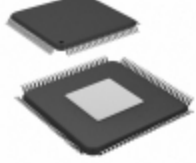
Specifications of SAF-XE162FM-48F80L AA

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SAF-XE162FM-48F80L AA                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                               |
| DESCRIPTION                      | IC MCU 16BIT 384KB FLASH 64LQFP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| DATA SHEET                       |  SAF-XE162FM-48F80L AA.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                               |
| SPEED                            | 80MHz                                                                                                         |
| SERIES                           | XE16x                                                                                                         |
| RAM SIZE                         | 34K x 8                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                         |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                              |
| PERIPHERALS                      | I²S, POR, PWM, WDT                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                              |
| PACKAGE / CASE                   | 64-LQFP                                                                                                       |
| OTHER NAMES                      | SAF-XE162FM-48F80L AA-ND<br>SAF-XE162FM-48F80LAA<br>SP000397632                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                             |
| NUMBER OF I/O                    | 40                                                                                                            |
| 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 64-LQFP (10x10)                          |
| DATA CONVERTERS                  | A/D 9x10b                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                        |
| CORE PROCESSOR                   | C166SV2                                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, LINbus, SPI, SSC, UART/USART, USI                                                       |
| BASE PART NUMBER                 | SA*XE162FM                                                                                                    |

Related Tags

|                                                                       |                                                          |                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) SAF-XE162FM-48F80L AA | SAF-XE162FM-48F80L AA Distributor                        | SAF-XE162FM-48F80L AA Supplier                                            |
| SAF-XE162FM-48F80L AA Price                                           | SAF-XE162FM-48F80L AA Pictures                           | SAF-XE162FM-48F80L AA Image                                               |
| SAF-XE162FM-48F80L AA PDF Datasheet                                   | SAF-XE162FM-48F80L AA Download Datasheet                 | SAF-XE162FM-48F80L AA Datasheet                                           |
| SAF-XE162FM-48F80L AA Stock                                           | Buy SAF-XE162FM-48F80L AA                                | Buy International Rectifier (Infineon Technologies) SAF-XE162FM-48F80L AA |
| International Rectifier (Infineon Technologies) SAF-XE162FM-48F80L AA | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor               |
| International Rectifier (Infineon Technologies) SAF-XE162FM-48F80L AA | International Rectifier SAF-XE162FM-48F80L AA            | Infineon Technologies SAF-XE162FM-48F80L AA                               |
| International Rectifier (Infineon Technologies) SAF-XE162FM-48F80L AA | IR (Infineon Technologies) SAF-XE162FM-48F80L AA         |                                                                           |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |
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|  <div><b>SAF-XC888CM-6FFA 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 24KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SAF-XC888LM-6FFI 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 24KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>SAF-XE162HM-24F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 192KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SAF-XE162HN-40F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 320KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>SAF-XC888CLM-8FFA 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SAF-XC888LM-6FFA 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 24KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>SAF-XC888LM-8FFA 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SAF-XE162FN-40F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 320KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>SAF-XE162HM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SAF-XE164FM-48F80L AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SAF-XC888CM-8FFA 5V AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SAF-XE164F-48F66L AC</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |