



International Rectifier (Infineon Technologies)



SAF-XC164GM-8F40F AA

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SAF-XC164GM-8F40F AA                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                            |
| Product description | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                             |
| Datasheets:         |  <a href="#">SAF-XC164GM-8F40F AA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 6141 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 SAF-XC164GM-8F40F AA

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SAF-XC164GM-8F40F AA                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 6141 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">SAF-XC164GM-8F40F AA.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                        | Cut Tape (CT)                                                                                                                |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                      |
| OTHER NAMES                      | SAF-XC164GM-8F40FAACT<br>SAF-XC164GM-8F40FAACT-ND<br>SAF-XC164GM-8F40FAAINCT<br>SAFXC164GM8F40FAA                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                            |
| 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, EBI/EMI, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | SA*XC164GM                                                                                                                   |

Related Tags

|                                                                      |                                                          |                                                                          |
|----------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) SAF-XC164GM-8F40F AA | SAF-XC164GM-8F40F AA Distributor                         | SAF-XC164GM-8F40F AA Supplier                                            |
| SAF-XC164GM-8F40F AA Price                                           | SAF-XC164GM-8F40F AA Pictures                            | SAF-XC164GM-8F40F AA Image                                               |
| SAF-XC164GM-8F40F AA PDF Datasheet                                   | SAF-XC164GM-8F40F AA Download Datasheet                  | SAF-XC164GM-8F40F AA Datasheet                                           |
| SAF-XC164GM-8F40F AA Stock                                           | Buy SAF-XC164GM-8F40F AA                                 | Buy International Rectifier (Infineon Technologies) SAF-XC164GM-8F40F AA |
| International Rectifier (Infineon Technologies) SAF-XC164GM-8F40F AA | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor              |
| International Rectifier (Infineon Technologies) SAF-XC164GM-8F40F AA | International Rectifier SAF-XC164GM-8F40F AA             | Infineon Technologies SAF-XC164GM-8F40F AA                               |
| International Rectifier (Infineon Technologies) SAF-XC164GM-8F40F AA | IR (Infineon Technologies) SAF-XC164GM-8F40F AA          |                                                                          |

Related Products

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|  <div><b>SAF-XC164KM-8F20F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 4433 pcs<br/>RFQ</div>   |  <div><b>SAF-XC164D-8F40F BB</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 5075 pcs<br/>RFQ</div>   |
|  <div><b>SAF-XC164KM-4F40F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 32KB FLASH 64TQFP<br/>In stock: 6501 pcs<br/>RFQ</div>   |  <div><b>SAF-XC164KM-4F20F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 32KB FLASH 64TQFP<br/>In stock: 3594 pcs<br/>RFQ</div>   |
|  <div><b>SAF-XC164KM-16F40F BA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 6394 pcs<br/>RFQ</div> |  <div><b>SAF-XC164GM-4F40F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 32KB FLASH 64TQFP<br/>In stock: 3431 pcs<br/>RFQ</div>   |
|  <div><b>SAF-XC164GM-16F40F BA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 6852 pcs<br/>RFQ</div> |  <div><b>SAF-XC164KM-8F40F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 3029 pcs<br/>RFQ</div>   |
|  <div><b>SAF-XC164GM-8F20F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 2865 pcs<br/>RFQ</div>   |  <div><b>SAF-XC164GM-4F20F AA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 32KB FLASH 64TQFP<br/>In stock: 4967 pcs<br/>RFQ</div>   |
|  <div><b>SAF-XC164GM-16F20F BA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 4182 pcs<br/>RFQ</div> |  <div><b>SAF-XC164KM-16F20F BA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 5631 pcs<br/>RFQ</div> |

