

SAF-XC164CS-16F20F BB



Part Number: [SAF-XC164CS-16F20F BB](#)

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

Description: IC MCU 16BIT 128KB FLASH 100TQFP

Data sheet:  [C166S V2 User Manual](#)

RoHs Status: Lead free / RoHS Compliant

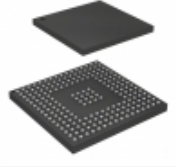
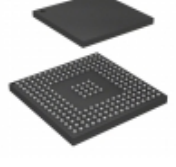
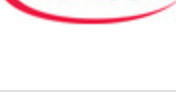
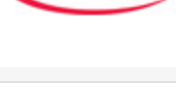
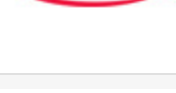
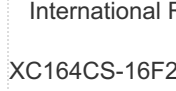
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy SAF-XC164CS-16F20F BB with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |                                  |                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAF-XC164CS-16F20F BB                                                                 | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a>                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 128KB FLASH 100TQFP                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4605 pcs                                                                              | Data sheet                       | <a href="#">C166S V2 User Manual</a>                                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)       | 2.35 V ~ 2.7 V                                                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100-TQFP (14x14)                                                                      | Speed                            | 20MHz                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | XC16x                                                                                 | RAM Size                         | 8K x 8                                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                 | Program Memory Size              | 128KB (128K x 8)                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PWM, WDT                                                                              | Packaging                        | Tape & Reel (TR)                                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-LQFP                                                                              | Other Names                      | FX164CS16F20FBBNP<br>FX164CS16F20FBBXT<br>SAF-XC164CS-16F20F BB-ND<br>SAF-XC164CS-16F20FBB<br>SAFXC164CS16F20FBB<br>SP000094305<br>SP000224550 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Internal                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 79                                                                                    | 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 20MHz 128KB (128K x 8) FLASH 100-TQFP (14x14) | Data Converters                  | A/D 14x8/10b                                                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16-Bit                                                                                | Core Processor                   | C166SV2                                                                                                                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CANbus, EBI/EMI, SPI, UART/USART                                                      | Base Part Number                 | SA*XC164CS                                                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 4605 pieces of International Rectifier (Infineon Technologies) SAF-XC164CS-16F20F BB 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-XC164D-8F40F BB</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1130-L150EB BB</a><br>Description: IC MCU 32BIT ROMLESS 208LBGA        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1130-L100EB BB</a><br>Description: IC MCU 32BIT ROMLESS 208LBGA        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164D-32F20F BB</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164D-32F40F BB</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164CM-16F20F BA</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164GM-4F20F AA</a><br>Description: IC MCU 16BIT 32KB FLASH 64TQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC161CS-32F20F BB-A</a><br>Description: IC MCU 16BIT 256KB FLASH 144TQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164GM-16F20F BA</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164D-16F20F BB</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164CS-32F20F BB-A</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164CM-8F20F AA</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC161CJ-16F20F BB</a><br>Description: IC MCU 16BIT 128KB FLASH 144TQFP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164D-8F20F BB</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1115-L150EB-G BB</a><br>Description: IC MCU 32BIT ROMLESS 208LBGA      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1115-L150EB BB</a><br>Description: IC MCU 32BIT ROMLESS 208LBGA        | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164D-16F40F BB</a><br>Description: IC MCU 16BIT 128KB FLASH 100TQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1164-128F80HL AB</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-TC1165-192F80HL AA</a><br>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAF-XC164GM-16F40F BA</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

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|-----------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------|
| Related keywords for <b>SAF-XC164CS-16F20F BB</b>                     |                                                                       |                                                                       |                                                  |
| International Rectifier (Infineon Technologies) SAF-XC164CS-16F20F BB | SAF-XC164CS-16F20F BB distributor                                     | SAF-XC164CS-16F20F BB supplier                                        | SAF-XC164CS-16F20F BB price                      |
|                                                                       | SAF-XC164CS-16F20F BB download datasheet                              | SAF-XC164CS-16F20F BB datasheet                                       | SAF-XC164CS-16F20F BB stock                      |
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|                                                                       |                                                                       | International Rectifier (Infineon Technologies) SAF-XC164CS-16F20F BB | IR (Infineon Technologies) SAF-XC164CS-16F20F BB |

