

SAF-XC878-16FFI 3V3 AA



Part Number: [SAF-XC878-16FFI 3V3 AA](#)

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

Description: IC MCU 8BIT 64KB FLASH 64LQFP

Data sheet:  [XC87xCLM](#)  
 [XC878 Prod Brief](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                 |                                  |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SAF-XC878-16FFI 3V3 AA                                                          | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 8BIT 64KB FLASH 64LQFP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4098 pcs                                                                        | Data sheet                       | <a href="#">XC87xCLM</a><br><a href="#">XC878 Prod Brief</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-LQFP (10x10)                                                                 | Speed                            | 27MHz                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | XC8xx                                                                           | RAM Size                         | 3.25K x 8                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                                                           | Program Memory Size              | 64KB (64K x 8)                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Brown-out Detect/Reset, POR, PWM, WDT                                           | Packaging                        | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 64-LQFP                                                                         | Other Names                      | SAF-XC878-16FFI 3V3 AA-ND<br>SAF-XC878-16FFI3V3AA<br>SP000447254 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | XC800 XC8xx Microcontroller IC 8-Bit 27MHz 64KB (64K x 8) FLASH 64-LQFP (10x10) | Data Converters                  | A/D 8x10b                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-Bit                                                                           | Core Processor                   | XC800                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SPI, SSI, UART/USART                                                            | Base Part Number                 | SA*XC878                                                         |
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|  | Part#: <a href="#">SAF-XC878CM-16FFI 5V AA</a><br>Description: IC MCU 8BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
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