

SAK-C868-1SG BA



Part Number: [SAK-C868-1SG BA](#)

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

Description: IC MCU 8BIT 8KB RAM PDSO28

Data sheet:  [C868](#)

RoHs Status: Lead free / RoHS Compliant

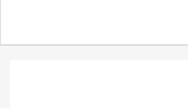
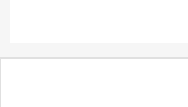
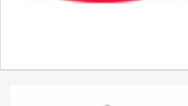
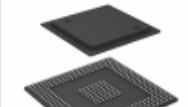
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                  |                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAK-C868-1SG BA                                                         | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a>       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 8KB RAM PDSO28                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5040 pcs                                                                | Data sheet                       | <a href="#">C868</a>                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | P-DSO-28                                                                | Speed                            | 40MHz                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C5xx/C8xx                                                               | RAM Size                         | 512 x 8                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RAM                                                                     | Program Memory Size              | 8KB (8K x 8)                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, PWM, WDT                                        | Packaging                        | Tape & Reel (TR)                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SOIC (0.295", 7.50mm Width)                                          | Other Names                      | SAK-C868-1SG BA-ND<br>SAK-C868-1SGBA<br>SAKC8681SGBAXT<br>SP000014356 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                                | Operating Temperature            | -40°C ~ 125°C (TA)                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18                                                                      | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                              | EEPROM Size                      | -                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C800 C5xx/C8xx Microcontroller IC 8-Bit 40MHz 8KB (8K x 8) RAM P-DSO-28 | Data Converters                  | A/D 5x8b                                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                   | Core Processor                   | C800                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UART/USART                                                              | Base Part Number                 | SA*C868                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 5040 pieces of International Rectifier (Infineon Technologies) SAK-C868-1SG BA 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="#">SAK-XC167CI-16F40F BB</a><br>Description: IC MCU 16BIT 128KB FLASH 144TQFP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-C868-1SR BA</a><br>Description: IC MCU 8BIT 8KB RAM 38TSSOP              | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-TC1762-128F66HL AC</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-C161CS-LF CA</a><br>Description: IC MCU 16BIT ROMLESS 128TQFP            | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-C868P-1SR BA</a><br>Description: IC MCU 8BIT 8KB RAM 38TSSOP             | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-TC1775-L40E BA</a><br>Description: IC MCU 32BIT 8KB ROM 329BGA           | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC2236N-40F80L</a><br>Description: IC MCU 16BIT 320KB FLASH 64LQFP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-CIC751-EOM16T BA</a><br>Description: IC COMPANION ICS TSSOP-38-1         | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC2210U-8F40R AA</a><br>Description: IC MCU 16BIT 64KB FLASH 38TSSOP     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-TC1197-512F180E AC</a><br>Description: IC MCU 32BIT 4MB FLASH 416BGA     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC164CM-4F40F AA</a><br>Description: IC MCU 16BIT 32KB FLASH 64TQFP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-90</a><br>Description: KIT ARM-ASSY FOR SA9 TO SA90 SER                  | Manufacturers: <a href="#">Jonard Tools</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC167CI-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="#">SAK-XC2236N-24F40L</a><br>Description: IC MCU 16BIT 192KB FLASH 64LQFP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-TC1767-256F133HR AD</a><br>Description: IC MCU 32BIT 2MB FLASH 176LQFP   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC164CM-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="#">SAK-TC1796-256F150E BD</a><br>Description: IC MCU 32BIT 2MB FLASH 416BGA     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-XC2236N-24F40L AA</a><br>Description: IC MCU 16BIT 192KB FLASH 64LQFP    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SAK-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="#">SAK-TC1797-512F180E AC</a><br>Description: IC MCU 32BIT 4MB FLASH 416BGA     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |

Related keywords for **SAK-C868-1SG BA**

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|                                                                 | SAK-C868-1SG BA download datasheet                              | SAK-C868-1SG BA datasheet                                       | SAK-C868-1SG BA stock                      |
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