



SAK-C868P-1SR BA Information



For Reference Only

Part Number SAK-C868P-1SR BA

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 8KB RAM 38TSSOP **Package** 38-TFSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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SAK-C868P-1SR BA Specifications

Manufacturer Part Number SAK-C868P-1SR BA Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 38-TFSOP (0.173", 4.40mm Width) Series C5xx/C8xx Core Processor C800 Core Size 8-Bit Speed 40MHz Connectivity UART/USART Peripherals Brown-out Detect/Reset, PWM, WDT Number of I/O 18 Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	•	
CategoryIntegrated Circuits (ICs)Package38-TFSOP (0.173", 4.40mm Width)SeriesC5xx/C8xxCore ProcessorC800Core Size8-BitSpeed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, PWM, WDTNumber of I/O18Program Memory Size8KB (8K x 8)Program Memory TypeRAMEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 5x8bOscillator TypeExternal	Manufacturer Part Number	SAK-C868P-1SR BA
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Package 38-TFSOP (0.173", 4.40mm Width)Series $C5xx/C8xx$ Core Processor $C800$ Core Size 8-Bit Speed 40MHz Connectivity $UART/USART$ Peripherals $Brown\text{-out Detect/Reset, PWM, WDT}$ Number of I/O 18 Program Memory Size $8KB$ ($8K \times 8$)Program Memory Type RAM EEPROM Size-RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3 \ V \sim 3.6 \ V$ Data Converters $A/D \ 5x8b$ Oscillator TypeExternal	Category	Integrated Circuits (ICs)
Series C5xx/C8xx Core Processor C800 Core Size 8-Bit Speed 40MHz Connectivity UART/USART Peripherals Brown-out Detect/Reset, PWM, WDT Number of I/O 18 Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External		Embedded - Microcontrollers
Core ProcessorC800Core Size8-BitSpeed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, PWM, WDTNumber of I/O18Program Memory Size8KB (8K x 8)Program Memory TypeRAMEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 5x8bOscillator TypeExternal	Package	38-TFSOP (0.173", 4.40mm Width)
Core Size Speed 40MHz Connectivity UART/USART Peripherals Brown-out Detect/Reset, PWM, WDT Number of I/O 18 Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters Oscillator Type External	Series	C5xx/C8xx
Speed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, PWM, WDTNumber of I/O18Program Memory Size8KB (8K x 8)Program Memory TypeRAMEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 5x8bOscillator TypeExternal	Core Processor	C800
Connectivity Peripherals Brown-out Detect/Reset, PWM, WDT Number of I/O 18 Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, PWM, WDT Number of I/O 18 Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 5x8b Oscillator Type Brown-out Detect/Reset, PWM, WDT 18 8KB (8K x 8) 8KB (8K x 8) 8KB (8K x 8) 8AM - RAM EEPROM Size - S12 x 8 S12 x 8 External	Speed	40MHz
Number of I/O Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	Connectivity	UART/USART
Program Memory Size 8KB (8K x 8) Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	Peripherals	Brown-out Detect/Reset, PWM, WDT
Program Memory Type RAM EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	Number of I/O	18
EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 5x8b Oscillator Type External	Program Memory Size	8KB (8K x 8)
RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3 \times 3.6 \times 3.6 \times 10^{-3}$ Data ConvertersA/D $5 \times 8b$ Oscillator TypeExternal	Program Memory Type	RAM
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 5x8bOscillator TypeExternal	EEPROM Size	-
Data Converters A/D 5x8b Oscillator Type External	RAM Size	512 x 8
Oscillator Type External	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
21	Data Converters	A/D 5x8b
0 : T	Oscillator Type	External
Operating Temperature -40°C ~ 125°C (TA)	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 38-TFSOP (0.173", 4.40mm Width)	Package / Case	38-TFSOP (0.173", 4.40mm Width)
Supplier Device Package 38-TSSOP	Supplier Device Package	38-TSSOP
Report errors?		Report errors?

SAK-C868P-1SR BA Guarantees



Quality Guarantees

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If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

SAK-C868P-1SR BA Payment Methods



















SAK-C868P-1SR BA Shipping Methods













If you have any question about SAK-C868P-1SR BA, please do not hesitate to contact us!

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