



### **SAB80C537-N Information**

Heisener.com

Part Number SAB80C537-N

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT ROMLESS 84PLCC

Package 84-LCC (J-Lead)

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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## **SAB80C537-N Specifications**

Manufacturer Part NumberSAB80C537-NManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage84-LCC (J-Lead)Scries-Core Processor8051Core Size8-BitSpeed12MHzConnectivityEBI/EMI, UART/USARTPeripheralsPOR, PWM, WDTNumber of I/O56Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData ConvertersA/D 12x8bOscilator TypeExternalOperating Temperature0°C ~ 70°C (TA)	_	
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Package         84-LCC (J-Lead)           Series         -           Core Processor         8051           Core Size         8-Bit           Speed         12MHz           Connectivity         EBI/EMI, UART/USART           Peripherals         POR, PWM, WDT           Number of I/O         56           Program Memory Size         -           Program Memory Type         ROMless           EEPROM Size         -           RAM Size         256 x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         A/D 12x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)	Manufacturer	Infineon Technologies
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Core Size8-BitSpeed $12MHz$ Connectivity $EBI/EMI, UART/USART$ Peripherals $POR, PWM, WDT$ Number of I/O $56$ Program Memory Size-Program Memory Type $ROMless$ $EEPROM Size$ - $RAM Size$ $256 \times 8$ Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12 \times 8b$ Oscillator Type $External$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)	Series	-
Speed12MHzConnectivityEBI/EMI, UART/USARTPeripheralsPOR, PWM, WDTNumber of I/O56Program Memory Size-Program Memory TypeROMIessEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData ConvertersA/D 12x8bOscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)	Core Processor	8051
Connectivity  Peripherals  POR, PWM, WDT  Number of I/O  56  Program Memory Size  Program Memory Type  ROMIess  EEPROM Size  RAM Size  Voltage - Supply (Vcc/Vdd)  Data Converters  Oscillator Type  External  Operating Temperature  EBI/EMI, UART/USART  POR, PWM, WDT  56  ROMIess  -  ROMIess  EVOLUTE  ROMIess  -  ROMIess  EXEMPLE A SUPPLIED A	Core Size	8-Bit
Peripherals  POR, PWM, WDT  Number of I/O  56  Program Memory Size  - Program Memory Type  ROMless  EEPROM Size  - RAM Size  256 x 8  Voltage - Supply (Vcc/Vdd)  At 5 V ~ 5.5 V  Data Converters  A/D 12x8b  Oscillator Type  External  Operating Temperature  POR, PWM, WDT  56  A/O 12x8b  EXEMBLE A CONVENTION OF THE PROPE AND THE PROPERTY OF THE PROPER	Speed	12MHz
Number of I/O 56  Program Memory Size	Connectivity	EBI/EMI, UART/USART
Program Memory Size - ROMless EEPROM Size - CRAM Size - 256 x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters A/D 12x8b  Oscillator Type External  Operating Temperature 0°C ~ 70°C (TA)	Peripherals	POR, PWM, WDT
Program Memory TypeROMlessEEPROM Size-RAM Size $256 \times 8$ Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12 \times 8b$ Oscillator TypeExternalOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)	Number of I/O	56
EEPROM Size-RAM Size $256 \times 8$ Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D 12x8bOscillator TypeExternalOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)	Program Memory Size	-
RAM Size $256 \times 8$ Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12 \times 8b$ Oscillator Type $External$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C (TA)}$	Program Memory Type	ROMless
Voltage - Supply (Vcc/Vdd) 4.5 V $\sim$ 5.5 V  Data Converters A/D 12x8b  Oscillator Type External  Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)	EEPROM Size	-
Data ConvertersA/D 12x8bOscillator TypeExternalOperating Temperature $0^{\circ}$ C ~ $70^{\circ}$ C (TA)	RAM Size	256 x 8
Oscillator Type External	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 12x8b
	Oscillator Type	External
	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 84-LCC (J-Lead)	Package / Case	84-LCC (J-Lead)
Supplier Device Package -	Supplier Device Package	-
Report errors?		Report errors?

#### SAB80C537-N Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

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.

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