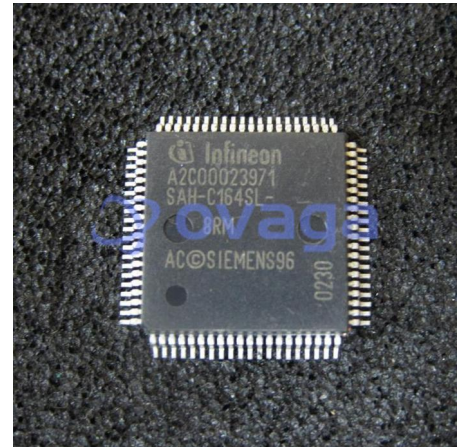


Manufacturers	Infineon Technologies Corporation
Package/Case	QFP-80
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAH-C164SL-8RM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SAH-C164SL-8RM is a microcontroller from the C16x family of microcontrollers manufactured by Infineon Technologies. It is a high-performance microcontroller that is widely used in a variety of applications that require real-time processing capabilities.

Features

It is based on the C16x core with an 8-bit data bus and 16-bit address bus.

It has a maximum clock frequency of 20 MHz and an instruction cycle time of 500 ns.

It has 64 KB of on-chip program memory (Flash) and 8 KB of on-chip data memory (RAM).

It supports a wide range of communication interfaces such as UART, SPI, and CAN.

It has a built-in watchdog timer, which ensures system reliability and safety.

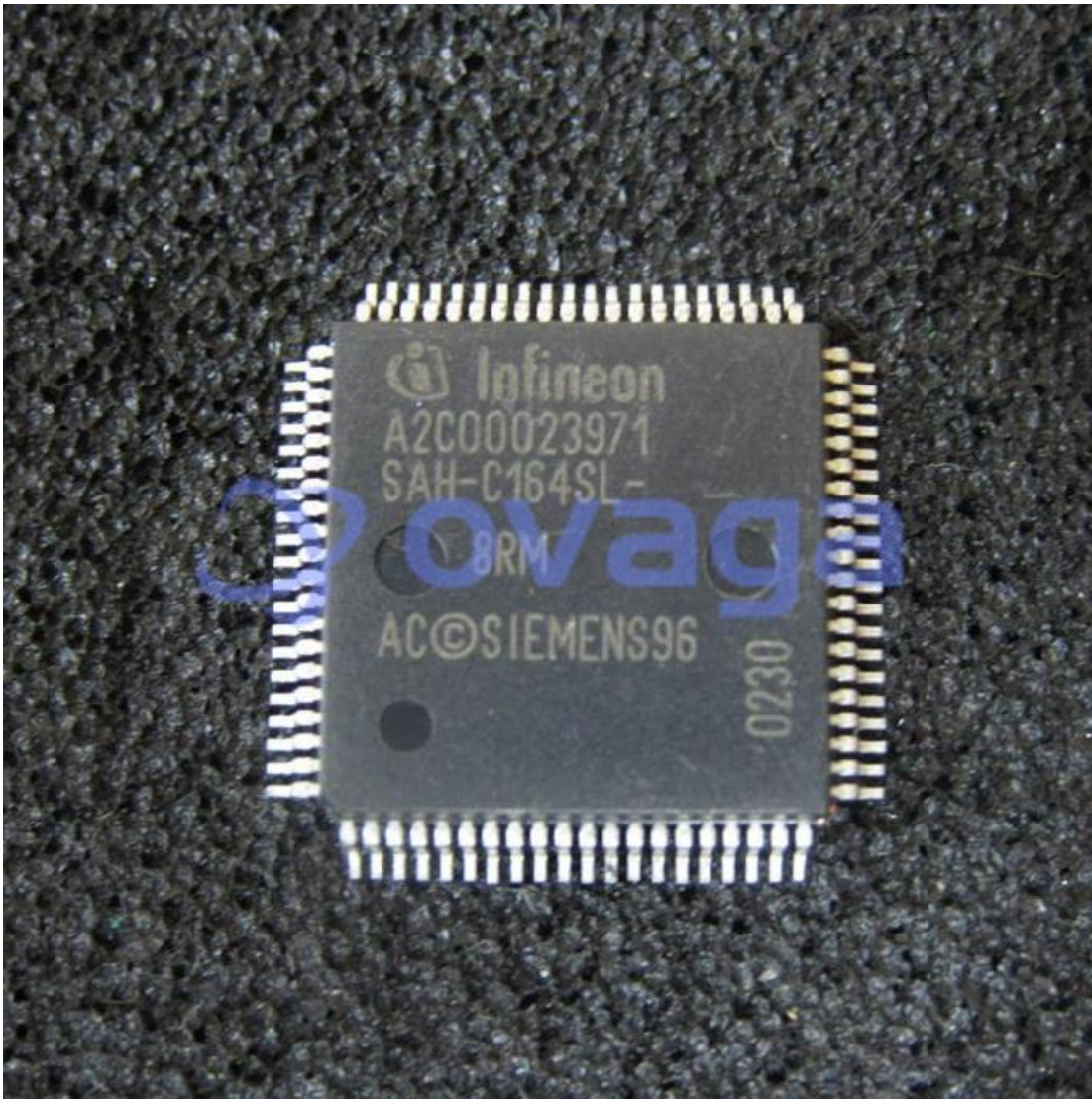
Application

Automotive applications such as engine management systems, transmission control units, and airbag control units.

Industrial automation and control systems, including programmable logic controllers (PLCs) and motion control systems.

Medical equipment, including patient monitors, ventilators, and infusion pumps.

Home appliances, such as washing machines, refrigerators, and air conditioners.



Related Products



[BTT6200-4ESA](#)

Infineon Technologies Corporation
SSOP-24



[SAF-C515C-LM](#)

Infineon Technologies Corporation
QFP-80



[SAB-C165-LM](#)

Infineon Technologies Corporation
QFP-100



[SAF-C509-LM](#)

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QFP100



[SAB80C166-M-T3](#)

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QFP-100



[SAF-C165UTAH-LF](#)

Infineon Technologies Corporation
QFP



[SAK-C167CS-32FM](#)

Infineon Technologies Corporation

QFP144



[SAB-C505L-4EM](#)

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QFP-80