

## 16-Bit Single-Chip Microcontroller

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	QFP80
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-C164CI-8RM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

SAK-C164CI-8RM is a microcontroller unit (MCU) made by Infineon Technologies. It is a member of the C166 family of 16-bit single-chip microcontrollers, which are widely used in industrial control and automotive applications.

### Features

25 MHz CPU clock frequency

8 KB on-chip RAM and 64 KB on-chip Flash memory

Two CAN interfaces (ISO 11898-1), one UART, one I2C, and two SPI interfaces

10-bit ADC with up to 17 channels

8-channel PWM unit

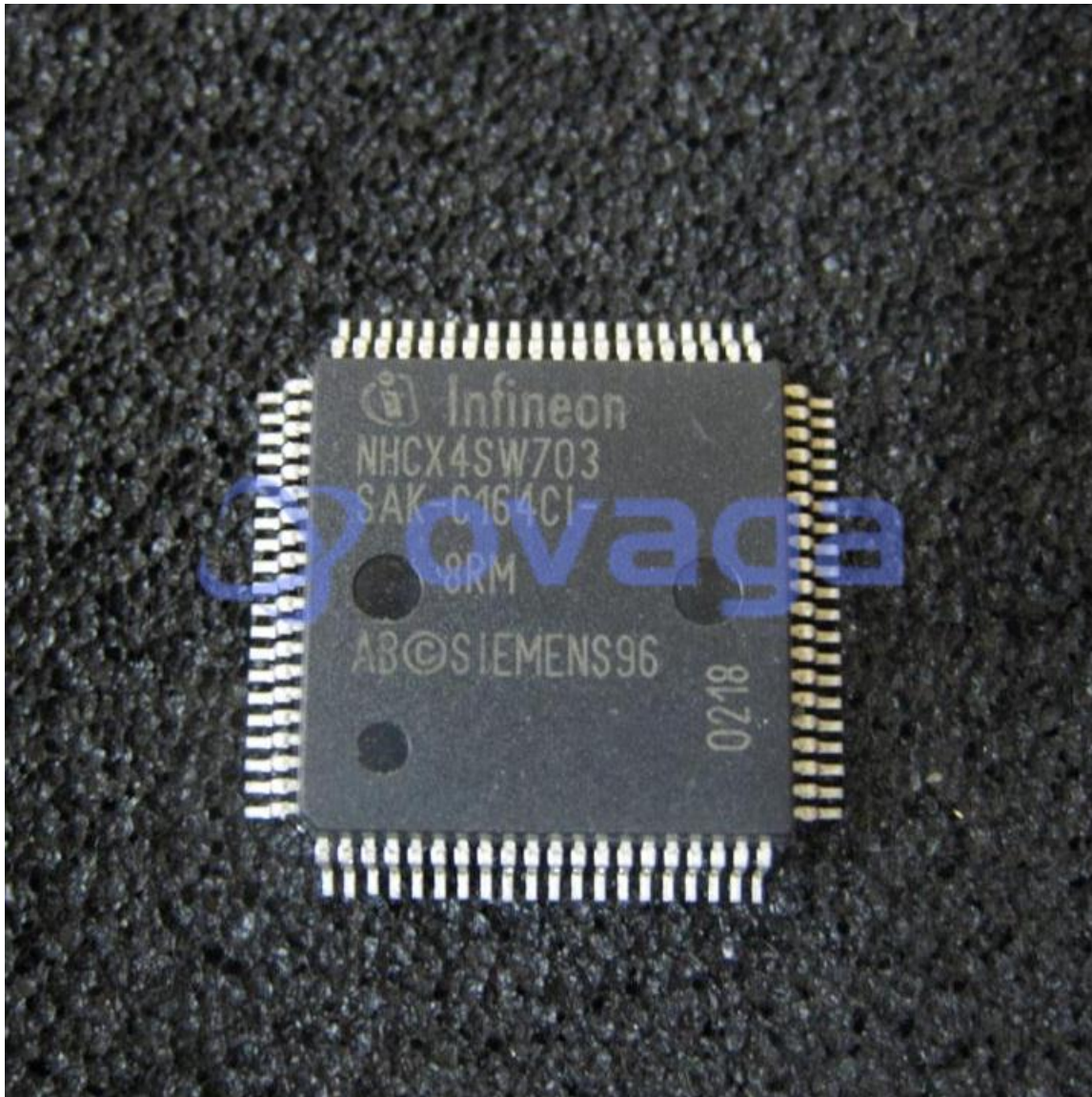
Support for external memory interfaces (EMIF) for external RAM and ROM

### Application

Automotive applications, including engine control units, transmission control units, and body electronics

Industrial automation and control systems, including motor control and robotics

Building automation, including HVAC control and lighting control



## Related Products



### [SAK-XC164CS-32F40F](#)

Infineon Technologies Corporation  
TQFP-100



### [SAB-C167SR-LM](#)

Infineon Technologies Corporation  
DC00 PACKAGE QFP 144PIN TRAY



### [SAK-C167CS-L40M](#)

Infineon Technologies Corporation  
MQFP-144



### [SAK-C167SR-LM](#)

Infineon Technologies Corporation  
QFP-160



[SAF-C164CI-8EM](#)

Infineon Technologies Corporation  
QFP-80



[SAF-XC161CJ-16F40F](#)

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TQFP144



[SAK-C164CL-8RM](#)

Infineon Technologies Corporation  
QFP80



[SAK-XC161CJ-16F40F](#)

Infineon Technologies Corporation  
TQFP-144