

16-Bit CMOS Single-Chip Microcontroller

Manufacturers	Infineon Technologies Corporation
Package/Case	QFP-160
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-C167SR-LM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SAK-C167SR-LM is a microcontroller based on the C166SV2 architecture, which is developed by Infineon Technologies. This microcontroller is a member of the SAK-C167S family, which is widely used in industrial and automotive applications.

Features

- 16-bit C166SV2 CPU core with up to 25 MIPS performance
- 256 KB Flash memory and 16 KB SRAM
- Integrated peripherals such as CAN, LIN, SPI, I2C, ADC, and PWM
- On-chip debugging support
- Low power consumption and wide temperature range operation

Application

- Automotive engine control units (ECUs)
- Transmission control units (TCUs)
- Body control modules (BCMs)
- Industrial automation and control systems
- Motor control applications



Related Products



[SAK-XC164CS-32F40F](#)

Infineon Technologies Corporation
TQFP-100



[SAK-C167CS-L40M](#)

Infineon Technologies Corporation
MQFP-144



[SAF-XC161CJ-16F40F](#)

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[SAB-C167SR-LM](#)

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DC00 PACKAGE QFP 144PIN TRAY



[SAF-C164CI-8EM](#)

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QFP-80



[SAK-C164CL-8RM](#)

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QFP80



[SAK-C167CR-4RM](#)

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QFP142