

16-Bit Single-Chip Microcontroller with C166SV2 Core

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TQFP-144
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-XC167CI-16F40F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

SAK-XC167CI-16F40F is a microcontroller unit (MCU) produced by Infineon Technologies.

### Features

- 16-bit C166SV2 core
- Operating frequency up to 40 MHz
- 256 KB flash memory
- 16 KB data memory (RAM)
- 10-bit ADC with up to 14 channels
- 2x CAN (Controller Area Network) 2.0B controllers
- Multiple serial interfaces including UART, SPI, and I2C
- Various timers and PWM channels
- On-chip debugging support

### Application

- Automotive systems such as engine management, transmission control, and body electronics
- Industrial control and automation
- Motor control and power management
- Communication and networking systems





## Related Products



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

Infineon Technologies Corporation  
TQFP-100



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

Infineon Technologies Corporation  
DC00 PACKAGE QFP 144PIN TRAY



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

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MQFP-144



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

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QFP-160



### [SAF-C164CI-8EM](#)

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QFP-80



### [SAF-XC161CJ-16F40F](#)

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### [SAK-C164CL-8RM](#)

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### [SAK-XC161CJ-16F40F](#)

Infineon Technologies Corporation  
TQFP-144