

LQFP176 32-bit Microcontrollers - MCU 32BIT SNGL CHIP 3.3V 80MHz Flash

Manufacturers	Infineon Technologies Corporation
Package/Case	LQFP176
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-TC1766-192F80HL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SAK-TC1766-192F80HL is a microcontroller from Infineon Technologies AG, which belongs to the TC1766 family. It is a high-performance automotive microcontroller with a 32-bit TriCore processor, featuring embedded flash memory and peripheral functions.

Features

- 150 MHz TriCore processor with DSP and SIMD instructions
- 192 KB on-chip flash memory and 32 KB on-chip RAM
- High-speed communication interfaces such as CAN, LIN, and FlexRay
- Enhanced security features such as memory protection unit (MPU) and hardware security module (HSM)

Application

- Engine control units (ECUs)
- Transmission control units (TCUs)
- Chassis control systems
- Safety and driver assistance systems
- Body control modules (BCMs)



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](#)

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QFP-80



[SAF-XC161CJ-16F40F](#)

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TQFP144



[SAK-C164CL-8RM](#)

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QFP80



[SAK-XC161CJ-16F40F](#)

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TQFP-144