

32-Bit Single-Chip Microcontroller

Manufacturers	Infineon Technologies Corporation
Package/Case	416-BBGA
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-TC1797-512F180E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SAK-TC1797-512F180E is a microcontroller chip produced by Infineon Technologies AG. It is a member of the company's TriCore TC1xx family of automotive microcontrollers, which are designed for use in safety-critical systems in the automotive industry.

Features

32-bit TriCore CPU

Clock frequency of up to 180 MHz

512 KB Flash memory and 64 KB RAM

On-chip peripherals including CAN, LIN, SPI, and ADC

Supports various communication protocols such as Ethernet, FlexRay, and MOST

Designed for safety-critical systems and complies with ISO 26262 safety standard



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](#)

Infineon Technologies Corporation
TQFP144



[SAK-C164CL-8RM](#)

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QFP80



[SAK-XC161CJ-16F40F](#)

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TQFP-144