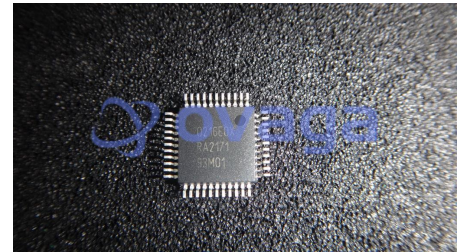


8-bit Microcontrollers - MCU 8 BIT OTP

Manufacturers	Infineon Technologies Corporation
Package/Case	MQFP-44
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-C505CA-4EM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

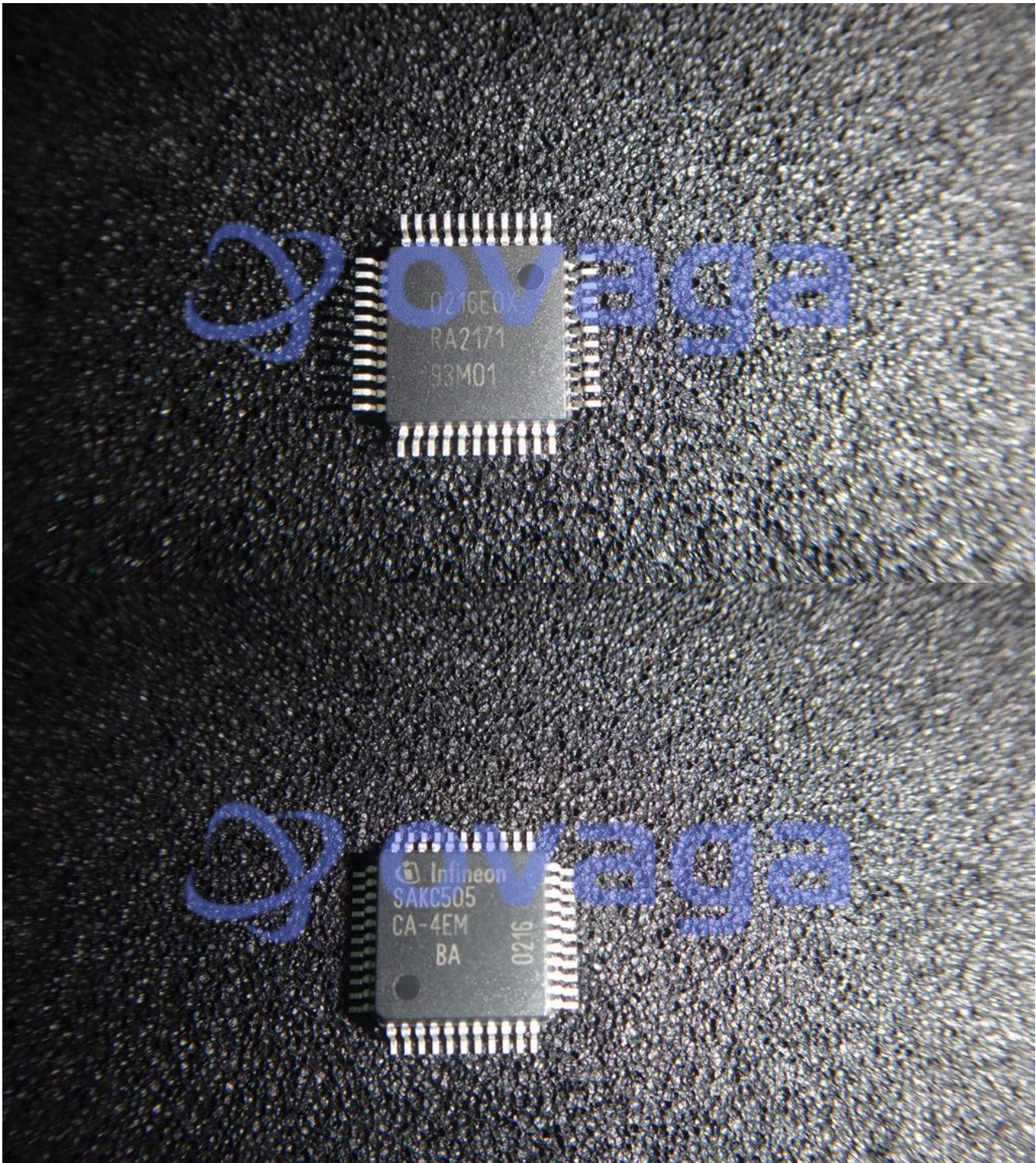
SAK-C505CA-4EM is a microcontroller from Infineon Technologies. It is a member of the C500 series, which is based on the popular 8051 architecture. Here are some of its features:

Features

- 8-bit CPU with a maximum clock frequency of 25 MHz
- 32 KB Flash memory and 1.5 KB RAM
- 10-bit A/D converter with 8 channels
- 2 UARTs, 2 SPIs, and 1 I2C interface
- 20 general-purpose I/O pins
- On-chip oscillator and clock circuitry
- Operating temperature range of -40°C to +125°C

Application

- Industrial control systems
- Automotive electronics
- Home automation and security systems
- Smart meters and other utility metering applications
- Medical devices
- Consumer electronics



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



[SAF-C164CI-8EM](#)

Infineon Technologies Corporation
QFP-80



[SAK-C164CL-8RM](#)

Infineon Technologies Corporation
QFP80



[SAK-C167SR-LM](#)

Infineon Technologies Corporation
QFP-160



[SAF-XC161CJ-16F40F](#)

Infineon Technologies Corporation
TQFP144



[SAK-XC161CJ-16F40F](#)

Infineon Technologies Corporation
TQFP-144