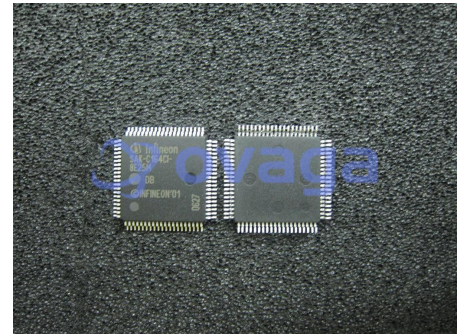


Microcontroller, C166 Family C164CI Series Microcontrollers, C166, 16bit, 25 MHz, 64 KB, 4 KB

Manufacturers	Infineon Technologies Corporation
Package/Case	QFP80
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SAK-C164CI-8E25M or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

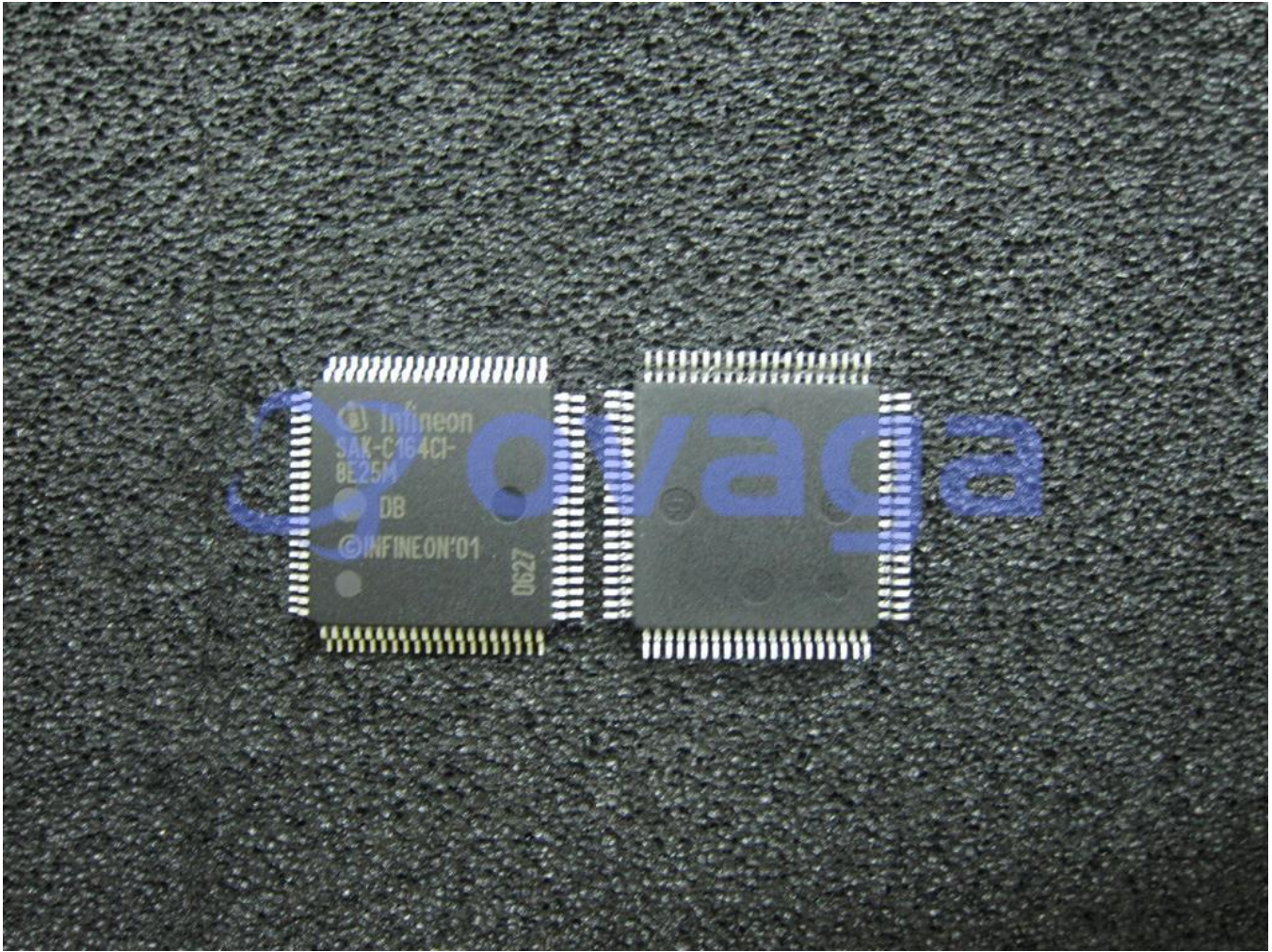
SAK-C164CI-8E25M is a microcontroller chip from the Infineon C16x/C16+ family. Here are some of its features:

Features

- 16-bit C166SV2 CPU core running at up to 25 MHz clock frequency
- 64 kB of on-chip flash memory for program storage
- 8 kB of on-chip RAM for data storage
- Multiple communication interfaces, including UART, SPI, and CAN
- 12-bit ADC for analog-to-digital conversion
- Timers and PWM channels for generating and measuring signals
- Operating voltage range from 2.7 V to 5.5 V
- Operating temperature range from -40 °C to +125 °C

Application

- C164CI-8E25M (Infineon)
- SAK-C164CI-8EM (Infineon)
- C164CI-8EM (Infineon)
- SAK-C164CI-8RM (Infineon)
- C164CI-8RM (Infineon)
- AT83C26 (Atmel)





Related Products



[BTT6200-4ESA](#)

Infineon Technologies Corporation
SSOP-24



[SAF-C515C-LM](#)

Infineon Technologies Corporation
QFP-80



[SAB-C165-LM](#)

Infineon Technologies Corporation
QFP-100



[SAF-C509-LM](#)

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QFP100



[SAB80C166-M-T3](#)

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QFP-100



[SAF-C165UTAH-LF](#)

Infineon Technologies Corporation
QFP



[SAK-C167CS-32FM](#)

Infineon Technologies Corporation

QFP144



[SAB-C505L-4EM](#)

Infineon Technologies Corporation

QFP-80