

16-Bit Single-Chip Microcontroller

| | |
|---------------|---|
| Manufacturers | Infineon Technologies Corporation |
| Package/Case | QFP100 |
| Product Type | Embedded Processors & Controllers |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for SAF-C165-L25F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SAF-C165-L25F is a microcontroller manufactured by Infineon Technologies. It belongs to the 16-bit C16x family and is based on the C166 architecture.

Features

It has a maximum operating frequency of 25 MHz.

It has 64 KB of flash memory and 2 KB of RAM.

It has an on-chip PLL for frequency multiplication and a programmable counter array (PCA) for time-critical applications.

It has 5-channel DMA, 8-channel ADC, 2-channel CAN, and 2-channel UART interfaces.

Application

Automotive applications such as engine control, transmission control, and body electronics.

Industrial control and automation systems.

Medical equipment and instrumentation.

Communication equipment.



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](#)

Infineon Technologies Corporation

QFP80



[SAK-XC161CJ-16F40F](#)

Infineon Technologies Corporation

TQFP-144