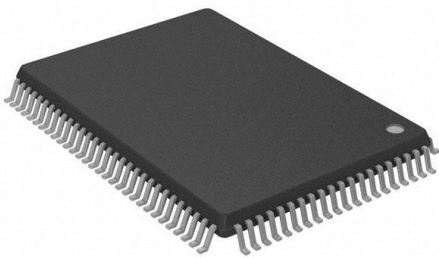


# CY90F949APFR-GS-SPE1 Datasheet

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DiGi Electronics Part Number	CY90F949APFR-GS-SPE1-DG
Manufacturer	<a href="#">Infineon Technologies</a>
Manufacturer Product Number	CY90F949APFR-GS-SPE1
Description	IC MCU 16BIT 256KB FLASH 100QFP
Detailed Description	F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90945 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 100-QFP (14x 20)

This model CY90F949APFR-GS-SPE1 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

CY90F949APFR-GS-SPE1

**Series:**F<sup>2</sup>MC-16LX MB90945**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

16-Bit

**Connectivity:**

CANbus, I2C, LINbus, SCI, Serial I/O, UART/USART

**Number of I/O:**

82

**Program Memory Type:**

FLASH

**RAM Size:**

12K x 8

**Data Converters:**

A/D 15x8/10b

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Package / Case:**

100-BQFP

**Base Product Number:**

CY90F949

**Manufacturer:**

Infineon Technologies

**Product Status:**

Obsolete

**Core Processor:**F<sup>2</sup>MC-16LX**Speed:**

24MHz

**Peripherals:**

POR, PWM, WDT

**Program Memory Size:**

256KB (256K x 8)

**EEPROM Size:**

-

**Voltage - Supply (Vcc/Vdd):**

3.5V ~ 5.5V

**Oscillator Type:**

External

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

100-QFP (14x20)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

EAR99

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