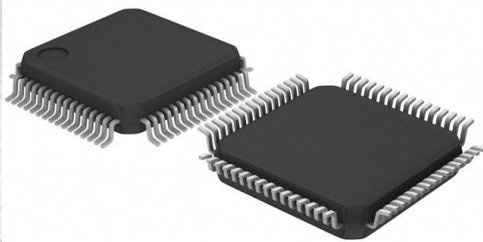


# CY90F498GPMC-GSE1 Datasheet

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DiGi Electronics Part Number	CY90F498GPMC-GSE1-DG
Manufacturer	<a href="#">Infineon Technologies</a>
Manufacturer Product Number	CY90F498GPMC-GSE1
Description	IC MCU 16BIT 128KB FLASH 64QFP
Detailed Description	F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90495G Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FLASH 64-QFP (12x 12)

This model CY90F498GPMC-GSE1 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

CY90F498GPMC-GSE1

**Series:**F<sup>2</sup>MC-16LX MB90495G**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

16-Bit

**Connectivity:**

CANbus, EBI/EMI, SCI, UART/USART

**Number of I/O:**

49

**Program Memory Type:**

FLASH

**RAM Size:**

2K x 8

**Data Converters:**

A/D 8x8/10b

**Operating Temperature:**

-40°C ~ 105°C (TA)

**Supplier Device Package:**

64-QFP (12x12)

**Base Product Number:**

CY90F498

**Manufacturer:**

Infineon Technologies

**Product Status:**

Obsolete

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

16MHz

**Peripherals:**

POR, WDT

**Program Memory Size:**

128KB (128K x 8)

**EEPROM Size:**

-

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

4.5V ~ 5.5V

**Oscillator Type:**

External

**Mounting Type:**

Surface Mount

**Package / Case:**

64-LQFP

## 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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