

# MB90583CAPMC-G-137-BND Datasheet

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DiGi Electronics Part Number	MB90583CAPMC-G-137-BND-DG
Manufacturer	<a href="#">Infineon Technologies</a>
Manufacturer Product Number	MB90583CAPMC-G-137-BND
Description	IC MCU 16BIT 128KB MROM 100LQFP
Detailed Description	F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90580C Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) Mask ROM 100-LQFP (14x14)

This model MB90583CAPMC-G-137-BND is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MB90583CAPMC-G-137-BND

**Series:**F<sup>2</sup>MC-16LX MB90580C**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

16-Bit

**Connectivity:**

SCI, UART/USART

**Number of I/O:**

77

**Program Memory Type:**

Mask ROM

**RAM Size:**

6K x 8

**Data Converters:**

A/D 8x8/10b; D/A 2x8b

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

100-LQFP (14x14)

**Base Product Number:**

MB90583

**Manufacturer:**

Infineon Technologies

**Product Status:**

Discontinued at Digi-Key

**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):**

3V ~ 5.5V

**Oscillator Type:**

External

**Mounting Type:**

Surface Mount

**Package / Case:**

100-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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