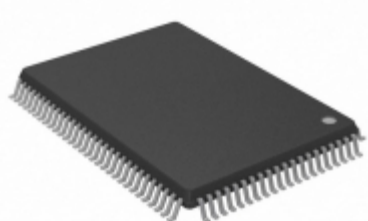


**MB90549GPF-G-151-BND**



**Part Number:** [MB90549GPF-G-151-BND](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 16BIT 256KB MROM 100QFP  
**Data sheet:**

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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PRODUCT PARAMETER			
Part Number	MB90549GPF-G-151-BND	Manufacturer	<a href="#">Cypress Semiconductor</a>
Description	IC MCU 16BIT 256KB MROM 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7331 pcs	Data sheet	
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	16MHz
Series	F <sup>3</sup> MC-16LX MB90545G	RAM Size	6K x 8
Program Memory Type	Mask ROM	Program Memory Size	256KB (256K x 8)
Peripherals	POR, WDT	Packaging	Tray
Package / Case	100-BQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	81
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F <sup>3</sup> MC-16LX F <sup>3</sup> MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) Mask ROM 100-PQFP (20x14)
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	F <sup>3</sup> MC-16LX	Connectivity	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

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	Part#: <a href="#">MB90549GPF-G-175-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-163-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-142-BND</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-138-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-175-BND</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90548GSPQC-G-312-ERE2</a> Description: IC MCU 16BIT 128KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-161-BND</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MB90549GPF-G-215-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-167-BND</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-194-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-146-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90549GPF-G-214-BNDE1</a> Description: IC MCU 16BIT 256KB MROM 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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