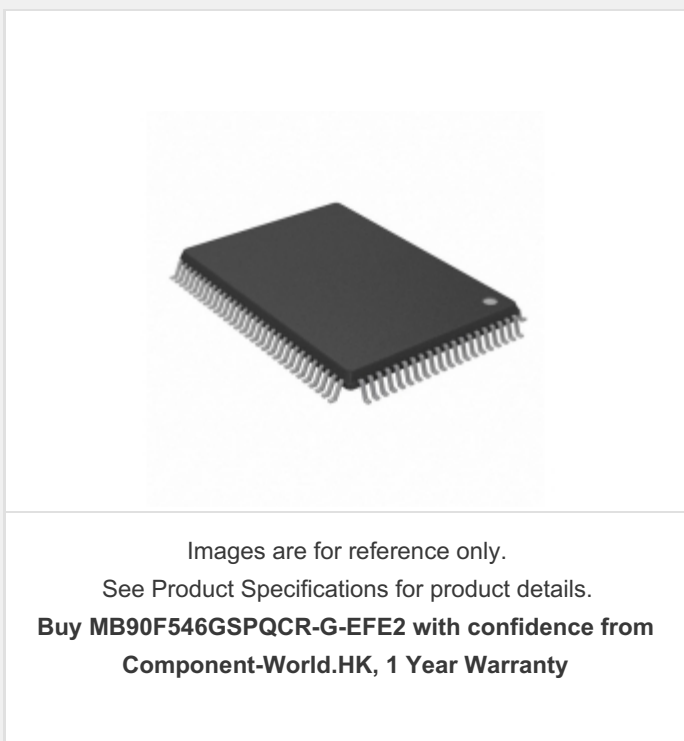


**MB90F546GSPQCR-G-EFE2**



**Part Number:** [MB90F546GSPQCR-G-EFE2](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 16BIT 256KB FLASH 100QFP  
**Data sheet:**

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

[Request For Quotation](#)

PRODUCT PARAMETER			
<b>Part Number</b>	MB90F546GSPQCR-G-EFE2	<b>Manufacturer</b>	<a href="#">Cypress Semiconductor</a>
<b>Description</b>	IC MCU 16BIT 256KB FLASH 100QFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	5460 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	4.5 V ~ 5.5 V
<b>Supplier Device Package</b>	100-PQFP (20x14)	<b>Speed</b>	16MHz
<b>Series</b>	F <sup>2</sup> MC-16LX MB90545G	<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	256KB (256K x 8)
<b>Peripherals</b>	POR, WDT	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	100-BQFP	<b>Oscillator Type</b>	External
<b>Operating Temperature</b>	-40°C ~ 105°C (TA)	<b>Number of I/O</b>	81
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) FLASH 100-PQFP (20x14)
<b>Data Converters</b>	A/D 8x8/10b	<b>Core Size</b>	16-Bit
<b>Core Processor</b>	F <sup>2</sup> MC-16LX	<b>Connectivity</b>	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

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	<b>Part#:</b> <a href="#">MB90F548GLSPF-GE1</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPMC-GE1</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPMC-G-FL</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPQCR-GE2</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPQC-GE2</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPF-G-FLE1</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F548GHDSPFR-G-ER</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F548GLSPF-G</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F548GHDSPF-G</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPFR-G</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F548GHDSPQC-GE2</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F548GHDSPQC-G-ERE2</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB90F546GSPQCR-G-FLEFE2</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 100QFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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