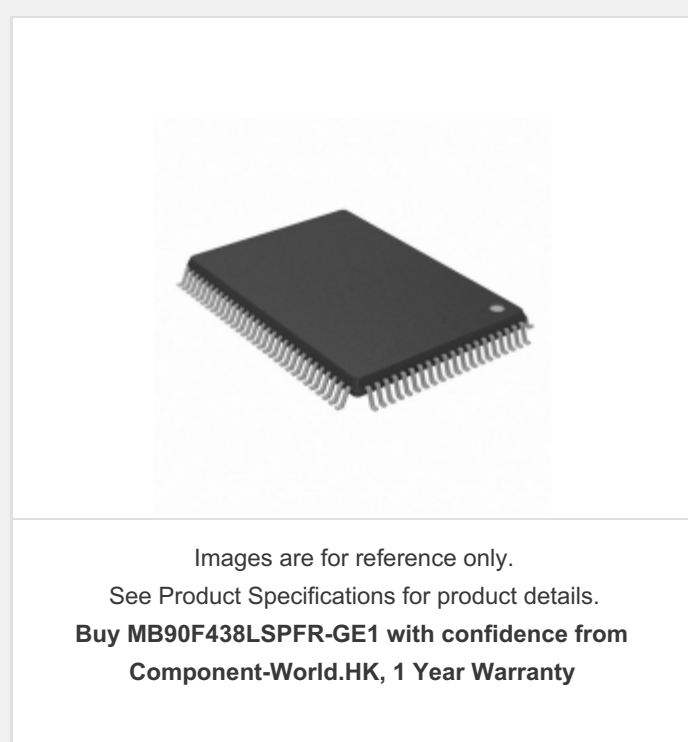


## MB90F438LSPFR-GE1



**Part Number:** [MB90F438LSPFR-GE1](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 16BIT 128KB 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			
Part Number	MB90F438LSPFR-GE1	Manufacturer	<a href="#">Cypress Semiconductor</a>
Description	IC MCU 16BIT 128KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5534 pcs	Data sheet	
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	16MHz
Series	F <sup>2</sup> MC-16LX MB90435	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K 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>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90435 Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FLASH 100-PQFP (20x14)
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	F <sup>2</sup> MC-16LX	Connectivity	EBI/EMI, SCI, Serial I/O, UART/USART

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	Part#: <a href="#">MB90F439SPFR-G</a> Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F428GCZPFV-GSE1</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F439PMC-G</a> Description: IC MCU 16BIT 256KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F443GPF-G</a> Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPF-GE1</a> Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F428GCPMC-GS</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPFR-G-FLE1</a> Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPMC-G</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPF-G</a> Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPMC-GE1</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPFV-GE1</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F428GCPMC-GSE1</a> Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F439SPFV-GE1</a> Description: IC MCU 16BIT 256KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F439SPF-GE1</a> Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB90F438LSPFR-G</a> Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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### Related keywords for MB90F438LSPFR-GE1

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