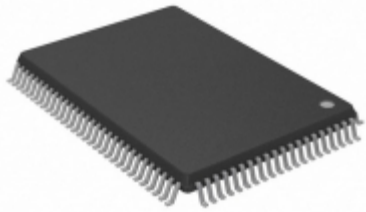


MB90F443GPF-GE1



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MB90F443GPF-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB FLASH 100QFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

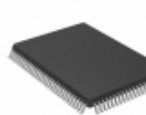
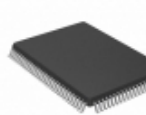
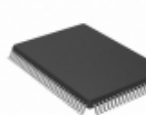
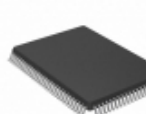
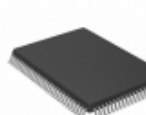
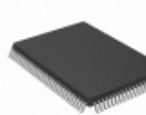
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MB90F443GPF-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 128KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4667 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	16MHz
Series	F*MC-16LX MB90440G	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	POR, WDT	Packaging	Tray
Package / Case	100-BQFP	Other Names	CY90F443GPF-GE1
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	81	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	21 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F*MC-16LX F*MC-16LX MB90440G 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*MC-16LX	Connectivity	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

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	Part#: MB90F439SPFR-G Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F455SPMT-GS Description: IC MCU 16BIT 24KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB90F455SPMT-GS-BI24 Description: IC MCU 16BIT 24KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F438LSPFV-GE1 Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F439PMC-G Description: IC MCU 16BIT 256Kb FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F443GPF-GS Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ

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