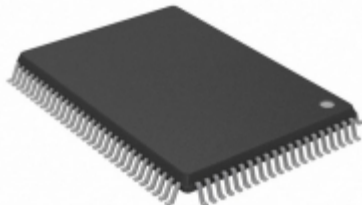


MB90F591GPF-GE1



Part Number:

MB90F591GPF-GE1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 384KB FLASH 100QFP

Data sheet:

 [MB90590G Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

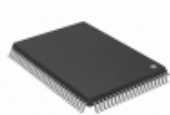
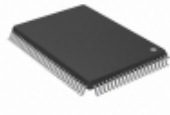
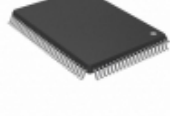
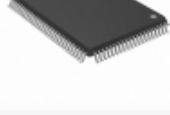
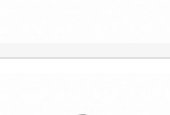
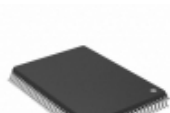
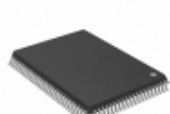
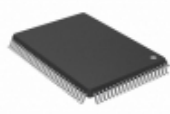
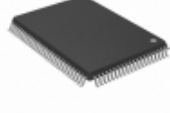
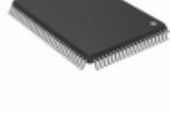
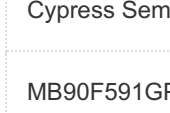
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MB90F591GPF-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 384KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4407 pcs	Data sheet	MB90590G Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Supplier Device Package	100-PQFP (20x14)	Speed	16MHz
Series	F*MC-16LX MB90590G	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	100-BQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	78
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F*MC-16LX F*MC-16LX MB90590G Microcontroller IC 16-Bit 16MHz 384KB (384K 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#: MB90F591GHZPFR-GS Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594GHPFR-GE1 Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F591GPFR-G Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F591APF-G Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB90F594APFR-G-9003 Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594APF-G Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F591APF-GE1 Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594APF-G-9001 Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594APFR-GE1 Description: IC MCU 16BIT	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F591GHPFR-G Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F591GPF-G Description: IC MCU 16BIT 384KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594GHPFR-G Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594APF-GE1 Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F594GHPF-GSE1 Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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