

MB90F562BPMC-GE1



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Part Number: [MB90F562BPMC-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 64KB FLASH

Data sheet:

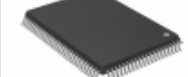
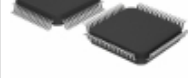
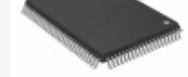
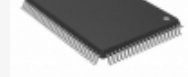
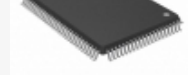
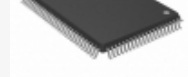
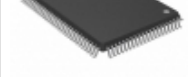
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MB90F562BPMC-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 64KB FLASH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5228 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	64-LQFP (12x12)	Speed	16MHz
Series	F ² MC-16LX MB90560	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	POR, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	CY90F562BPMC-GE1
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	51	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	22 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16LX F ² MC-16LX MB90560 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) FLASH 64-LQFP (12x12)
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	UART/USART
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	Part#: MB90F549GSPF-G Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F583BPF-GE1 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F549GSPMC-GE1 Description: IC MCU 16BIT 256KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB90F549PFR-G Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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