

MB96F612RBPMC-GSE1



Part Number: [MB96F612RBPMC-GSE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 64KB FLASH 48LQFP

Data sheet:  [MB96610 Series](#)

RoHs Status: Lead free / RoHS Compliant

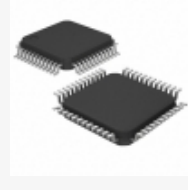
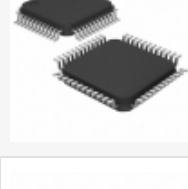
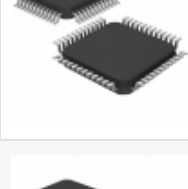
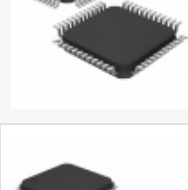
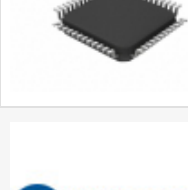
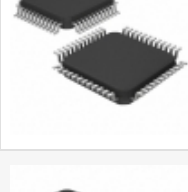
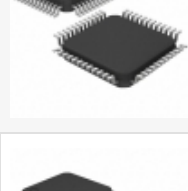
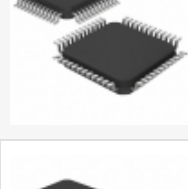
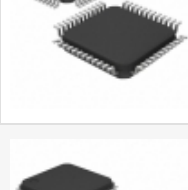
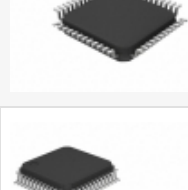
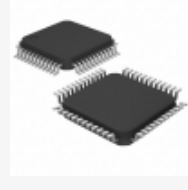
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PRODUCT PARAMETER			
Part Number	MB96F612RBPMC-GSE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 64KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21224 pcs	Data sheet	MB96610 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	32MHz
Series	F ² MC-16FX MB96610	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	CY96F612RBPMC-GS-UJE1 MB96F612RBPMC-GS-N2E1 MB96F612RBPMC-GS-N2E1-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	37	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16FX F ² MC-16FX MB96610 Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 16x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16FX	Connectivity	CANbus, LINbus, SCI, UART/USART
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	Part#: MB96F612RBPMC-GS-F4E1 Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F612RBPMC-GSE2 Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F612ABPMC-GS-101UJE1 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F612ABPMC-GSAE1 Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F613ABPMC-GS-112UJE1 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F612RBPMC-GSAE1 Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F613ABPMC-GSE1 Description: IC MCU 16BIT 96KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F613ABPMC-GS-110UJE1 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F613ABPMC-GS-112E1 Description: AUTO MCU	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F613ABPMC-GSE2 Description: IC MCU 16BIT 96KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ

Related keywords for MB96F612RBPMC-GSE1			
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