

MB96F647RAPMC-GE2



Part Number: [MB96F647RAPMC-GE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 416KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

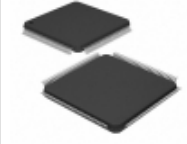
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PRODUCT PARAMETER			
Part Number	MB96F647RAPMC-GE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 416KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15019 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	32MHz
Series	F ³ MC-16FX MB96640	RAM Size	28K x 8
Program Memory Type	FLASH	Program Memory Size	416KB (416K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°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 ³ MC-16FX F ³ MC-16FX MB96640 Microcontroller IC 16-Bit 32MHz 416KB (416K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 24x8/10b	Core Size	16-Bit
Core Processor	F ³ MC-16FX	Connectivity	CANbus, I ² C, LINbus, SCI, UART/USART
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	Part#: MB96F646RBPMC-GS-108JAE2 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GSE1 Description: IC MCU 16BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F647RBPMC-GSE2 Description: IC MCU 16BIT 416KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F647RBPMC-GS-N2E2 Description: IC MCU 16BIT 416KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F647RBPMC-GS-F4E1 Description: IC MCU 16BIT 416KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GSAE1 Description: IC MCU 16BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F653ABPMC-GSE2 Description: IC MCU 16BIT 96KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GS-F4E2 Description: IC MCU 16BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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