

MB96F645RBPMC-GE1



Part Number: [MB96F645RBPMC-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 160KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

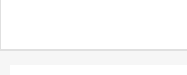
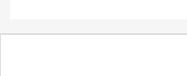
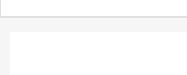
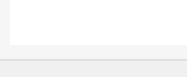
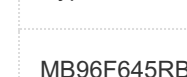
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PRODUCT PARAMETER			
Part Number	MB96F645RBPMC-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 160KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24723 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	32MHz
Series	F ² MC-16FX MB96640	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	160KB (160K 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 ² MC-16FX F ² MC-16FX MB96640 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 24x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16FX	Connectivity	CANbus, I ² C, LINbus, SCI, UART/USART
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	Part#: MB96F645ABPMC-GE1 Description: IC MCU 16BIT 160KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F645RBPMC-GSE1 Description: IC MCU 16BIT 160KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GS-107JAE2 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F645ABPMC-GS-JAE1 Description: IC MCU 16BIT 160KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F643RBPMC-GE1 Description: IC MCU 16BIT 96KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646ABPMC-GSAE1 Description: IC MCU 16BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F645ABPMC-GSAE1 Description: IC MCU 16BIT 160KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GS-F4E2 Description: IC MCU 16BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F646RBPMC-GS-108JAE2 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ

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