

MB96F683RBPMC-GSE1



Part Number: [MB96F683RBPMC-GSE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 96KB FLASH 80LQFP

Data sheet:  [MB96680 Series](#)

RoHs Status: Lead free / RoHS Compliant

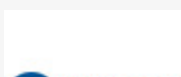
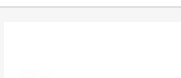
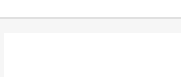
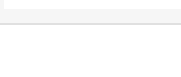
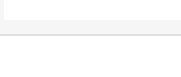
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PRODUCT PARAMETER			
Part Number	MB96F683RBPMC-GSE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 96KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17675 pcs	Data sheet	MB96680 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	80-LQFP (12x12)	Speed	32MHz
Series	F ² MC-16FX MB96680	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	CY96F683RBPMC-GS-UJE1 MB96F683RBPMC-GS-N2E1 MB96F683RBPMC-GS-N2E1-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	65	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 MB96680 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 80-LQFP (12x12)
Data Converters	A/D 14x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16FX	Connectivity	CANbus, I ² C, LINbus, SCI, UART/USART
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