



Cypress Semiconductor



MB96F683ABPMC-GE1

Part Number:	MB96F683ABPMC-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 96KB FLASH 80LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	24432 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MB96F683ABPMC-GE1

PART NUMBER	MB96F683ABPMC-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 96KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24432 pcs
DATA SHEET	
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
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	65
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 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	I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F683ABPMC-GE1	MB96F683ABPMC-GE1 Distributor	MB96F683ABPMC-GE1 Supplier
MB96F683ABPMC-GE1 Price	MB96F683ABPMC-GE1 Pictures	MB96F683ABPMC-GE1 Image
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Related Products

 MB96F675RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 26250 pcs RFQ	 MB96F683ABPMC-GS-108JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 15713 pcs RFQ
 MB96F683ABPMC-GS-107JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 19451 pcs RFQ	 MB96F675RBPMC1-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 18863 pcs RFQ
 MB96F683ABPMC-GS-105JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 14994 pcs RFQ	 MB96F683ABPMC-GS-106JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 16773 pcs RFQ
 MB96F683ABPMC-GS-104JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 3587 pcs RFQ	 MB96F675RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 5261 pcs RFQ
 MB96F683ABPMC-GS-114JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 7303 pcs RFQ	 MB96F675RBPMC1-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 17506 pcs RFQ
 MB96F675RBPMC1-GS-JKE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 18134 pcs RFQ	 MB96F675RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 64LQFP In stock: 19353 pcs RFQ