



Cypress Semiconductor



MB96F683ABPMC-GSE1

Part Number:	MB96F683ABPMC-GSE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 96KB FLASH 80LQFP
Datasheets:	 MB96F683ABPMC-GSE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17801 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-GSE1

PART NUMBER	MB96F683ABPMC-GSE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 96KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17801 pcs
DATA SHEET	 MB96F683ABPMC-GSE1.pdf
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	CY96F683ABPMC-GS-UJE1 MB96F683ABPMC-GS-JAE1 MB96F683ABPMC-GS-JAE1-ND MB96F683ABPMC-GS-N2E1 MB96F683ABPMC-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)
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-GSE1	MB96F683ABPMC-GSE1 Distributor	MB96F683ABPMC-GSE1 Supplier
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Cypress Semiconductor MB96F683ABPMC-GSE1	Cypress Semiconductor Corp MB96F683ABPMC-GSE1	

Related Products

 MB96F683RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 16145 pcs RFQ	 MB96F683ABPMC-GS-108JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 15713 pcs RFQ
 MB96F683ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 15039 pcs RFQ	 MB96F683ABPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 14974 pcs RFQ
 MB96F683ABPMC-GS-105JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 14994 pcs RFQ	 MB96F685ABPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 80LQFP In stock: 30153 pcs RFQ
 MB96F683RBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 36591 pcs RFQ	 MB96F683ABPMC-GS-107JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 19451 pcs RFQ
 MB96F683RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 15807 pcs RFQ	 MB96F683ABPMC-GS-106JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 16773 pcs RFQ
 MB96F683RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 16841 pcs RFQ	 MB96F683ABPMC-GS-114JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 7303 pcs RFQ