



Part Number: MB96F6B5ABPMC-GSE1
Manufacturer/Brand: Cypress Semiconductor
Product description: IC MCU 16BIT 160KB FLASH 100LQFP
Datasheets: [MB96F6B5ABPMC-GSE1.pdf](#)
RoHs Status: Lead free / RoHS Compliant
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 MB96F6B5ABPMC-GSE1

PART NUMBER	MB96F6B5ABPMC-GSE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 160KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MB96F6B5ABPMC-GSE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	32MHz
SERIES	F ² MC-16FX MB966B0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K x 8)
PERIPHERALS	DMA, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	79
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 MB966B0 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 27x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16FX
CONNECTIVITY	I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F6B5ABPMC-GSE1	MB96F6B5ABPMC-GSE1 Distributor	MB96F6B5ABPMC-GSE1 Supplier
MB96F6B5ABPMC-GSE1 Price	MB96F6B5ABPMC-GSE1 Pictures	MB96F6B5ABPMC-GSE1 Image
MB96F6B5ABPMC-GSE1 PDF Datasheet	MB96F6B5ABPMC-GSE1 Download Datasheet	MB96F6B5ABPMC-GSE1 Datasheet
MB96F6B5ABPMC-GSE1 Stock	Buy MB96F6B5ABPMC-GSE1	Buy Cypress Semiconductor MB96F6B5ABPMC-GSE1
Cypress Semiconductor MB96F6B5ABPMC-GSE1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB96F6B5ABPMC-GSE1	Cypress Semiconductor Corp MB96F6B5ABPMC-GSE1	

Related Products

MB96F6B5ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: Out stock RFQ	MB96F6A6RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 120LQFP In stock: Out stock RFQ
MB96F6B5ABPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: Out stock RFQ	MB96F6B6RBPMC-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: Out stock RFQ
MB96F6A6RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 120LQFP In stock: Out stock RFQ	MB96F6B6RAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: Out stock RFQ
MB96F6A5RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 120LQFP In stock: Out stock RFQ	MB96F6B5RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: Out stock RFQ
MB96F6B5RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: Out stock RFQ	MB96F6A6RAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 120LQFP In stock: Out stock RFQ
MB96F6A6RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 120LQFP In stock: 168 pcs RFQ	MB96F6B5RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: Out stock RFQ