



Cypress Semiconductor



MB96F643ABPMC-GSE2

Part Number:	MB96F643ABPMC-GSE2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 96KB FLASH 100LQFP
Datasheets:	 MB96F643ABPMC-GSE2.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16534 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 MB96F643ABPMC-GSE2

PART NUMBER	MB96F643ABPMC-GSE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 96KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16534 pcs
DATA SHEET	 MB96F643ABPMC-GSE2.pdf
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	10K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	96KB (96K 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 96KB (96K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16FX
CONNECTIVITY	I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F643ABPMC-GSE2	MB96F643ABPMC-GSE2 Distributor	MB96F643ABPMC-GSE2 Supplier
MB96F643ABPMC-GSE2 Price	MB96F643ABPMC-GSE2 Pictures	MB96F643ABPMC-GSE2 Image
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Cypress Semiconductor MB96F643ABPMC-GSE2	Cypress Semiconductor Corp MB96F643ABPMC-GSE2	

Related Products

 MB96F637RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 5983 pcs RFQ	 MB96F645ABPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 25370 pcs RFQ
 MB96F643ABPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 14294 pcs RFQ	 MB96F643ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 14254 pcs RFQ
 MB96F643ABPMC-GS-101E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 10247 pcs RFQ	 MB96F643RBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 21192 pcs RFQ
 MB96F643ABPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 22860 pcs RFQ	 MB96F643RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 16066 pcs RFQ
 MB96F645ABPMC-GS-JAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 15723 pcs RFQ	 MB96F643RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 11317 pcs RFQ
 MB96F643ABPMC-GS-102E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 13433 pcs RFQ	 MB96F643RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 16120 pcs RFQ