



Cypress Semiconductor



MB96F645RBPMC-GSE2

Part Number:	MB96F645RBPMC-GSE2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 160KB FLASH 100LQFP
Datasheets:	 MB96F645RBPMC-GSE2.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17501 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 MB96F645RBPMC-GSE2

PART NUMBER	MB96F645RBPMC-GSE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 160KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17501 pcs
DATA SHEET	 MB96F645RBPMC-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	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K 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 160KB (160K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16FX
CONNECTIVITY	CANbus, I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F645RBPMC-GSE2	MB96F645RBPMC-GSE2 Distributor	MB96F645RBPMC-GSE2 Supplier
MB96F645RBPMC-GSE2 Price	MB96F645RBPMC-GSE2 Pictures	MB96F645RBPMC-GSE2 Image
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Related Products

 MB96F646ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 17391 pcs RFQ	 MB96F646RBPMC-GS-F4E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 17189 pcs RFQ
 MB96F645RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 16653 pcs RFQ	 MB96F645RBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 26392 pcs RFQ
 MB96F646RBPMC-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 9431 pcs RFQ	 MB96F646RBPMC-GS-107JAE2 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6676 pcs RFQ
 MB96F646RBPMC-GS-108JAE2 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5090 pcs RFQ	 MB96F645ABPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 14870 pcs RFQ
 MB96F646RBPMC-GS-JAE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 16136 pcs RFQ	 MB96F645ABPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 12571 pcs RFQ
 MB96F645RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 3380 pcs RFQ	 MB96F645RBPMC-GS-N2E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 96KB FLASH 100LQFP In stock: 16868 pcs RFQ