



Cypress Semiconductor



MB96F646RBPMC-GSE1

Part Number:	MB96F646RBPMC-GSE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 288KB FLASH 100LQFP
Datasheets:	 MB96F646RBPMC-GSE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17864 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 MB96F646RBPMC-GSE1

PART NUMBER	MB96F646RBPMC-GSE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 288KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17864 pcs
DATA SHEET	 MB96F646RBPMC-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 MB96640
RAM SIZE	24K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	288KB (288K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	CY96F646RBPMC-GS-UJE1
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 288KB (288K 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 MB96F646RBPMC-GSE1	MB96F646RBPMC-GSE1 Distributor	MB96F646RBPMC-GSE1 Supplier
MB96F646RBPMC-GSE1 Price	MB96F646RBPMC-GSE1 Pictures	MB96F646RBPMC-GSE1 Image
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Cypress Semiconductor MB96F646RBPMC-GSE1	Cypress Semiconductor Corp MB96F646RBPMC-GSE1	

Related Products

 MB96F646RBPMC-GS-JAE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 16136 pcs RFQ	 MB96F646RBPMC-GS-108JAE2 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5090 pcs RFQ
 MB96F647RBPMC-GS-N2E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 100LQFP In stock: 13482 pcs RFQ	 MB96F646RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 16887 pcs RFQ
 MB96F646RBPMC-GS-N2E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 17114 pcs RFQ	 MB96F646RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 17011 pcs RFQ
 MB96F647RBPMC-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 100LQFP In stock: 8939 pcs RFQ	 MB96F647RBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 100LQFP In stock: 25973 pcs RFQ
 MB96F647RAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 100LQFP In stock: 12028 pcs RFQ	 MB96F646RBPMC-GS-F4E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 17189 pcs RFQ
 MB96F646RBPMC-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 100LQFP In stock: 9431 pcs RFQ	 MB96F647ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 100LQFP In stock: 13312 pcs RFQ