



Cypress Semiconductor



MB96F637RAPMC-GE1

Part Number:	MB96F637RAPMC-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 416KB FLASH 80LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19869 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MB96F637RAPMC-GE1

PART NUMBER	MB96F637RAPMC-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 416KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19869 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	32MHz
SERIES	F ² MC-16FX MB96630
RAM SIZE	28K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	416KB (416K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	64
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 MB96630 Microcontroller IC 16-Bit 32MHz 416KB (416K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 21x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16FX
CONNECTIVITY	CANbus, I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F637RAPMC-GE1	MB96F637RAPMC-GE1 Distributor	MB96F637RAPMC-GE1 Supplier
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Related Products

 MB96F636RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 80LQFP In stock: 5581 pcs RFQ	 MB96F637RBPMC-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 8117 pcs RFQ
 MB96F637RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 5983 pcs RFQ	 MB96F637RBPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 19116 pcs RFQ
 MB96F636RBPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 80LQFP In stock: 12496 pcs RFQ	 MB96F636RBPMC-GS-YE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 80LQFP In stock: 15434 pcs RFQ
 MB96F636RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 80LQFP In stock: 13848 pcs RFQ	 MB96F637RBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 21657 pcs RFQ
 MB96F637RAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 11058 pcs RFQ	 MB96F637ABPMC-GSAE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 16927 pcs RFQ
 MB96F637RBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 80LQFP In stock: 19621 pcs RFQ	 MB96F636RBPMC-GS-N2E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 80LQFP In stock: 10848 pcs RFQ