



Part Number: MB96F6A5RBPMC-GSE1

Manufacturer/Brand: Cypress Semiconductor

Product description: IC MCU 16BIT 160KB FLASH 120LQFP

Datasheets: [MB96F6A5RBPMC-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 MB96F6A5RBPMC-GSE1

PART NUMBER	MB96F6A5RBPMC-GSE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 160KB FLASH 120LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MB96F6A5RBPMC-GSE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	120-LQFP (16x16)
SPEED	32MHz
SERIES	F ² MC-16FX MB966A0
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	120-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	97
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 MB966A0 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 120-LQFP (16x16)
DATA CONVERTERS	A/D 32x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16FX
CONNECTIVITY	CANbus, I ² C, LINbus, SCI, UART/USART

Related Tags

Cypress Semiconductor MB96F6A5RBPMC-GSE1	MB96F6A5RBPMC-GSE1 Distributor	MB96F6A5RBPMC-GSE1 Supplier
MB96F6A5RBPMC-GSE1 Price	MB96F6A5RBPMC-GSE1 Pictures	MB96F6A5RBPMC-GSE1 Image
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MB96F6A5ABPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 120LQFP In stock: Out stock RFQ	MB96F6A6RAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 120LQFP In stock: Out stock RFQ
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