

MB96F378HSBPMC-GS-N2K5E2



Part Number: [MB96F378HSBPMC-GS-N2K5E2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 576KB FLASH 144LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

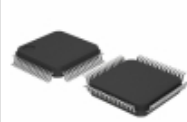
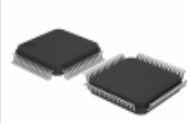
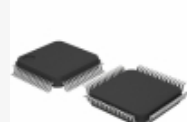
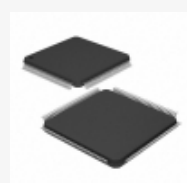
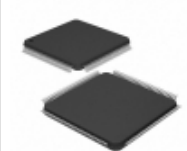
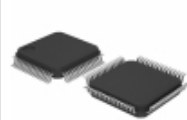
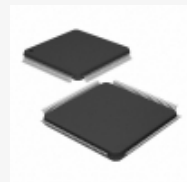
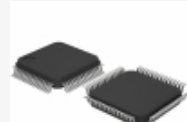
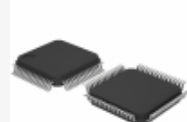
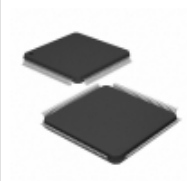
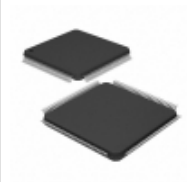
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MB96F378HSBPMC-GS-N2K5E2	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 576KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5397 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	40MHz
Series	F ² MC-16FX MB96370	RAM Size	28K x 8
Program Memory Type	FLASH	Program Memory Size	576KB (576K x 8)
Peripherals	DMA, LCD, LVD, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	MB96F378HSBPMC-GS-N2E2 MB96F378HSBPMC-GS-N2E2-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	120	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 MB96370 Microcontroller IC 16-Bit 40MHz 576KB (576K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 22x10b
Core Size	16-Bit	Core Processor	F ² MC-16FX
Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART		
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	Part#: MB96F356RWBPMC1-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YWBPMC1-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F378HSBPMC-GK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F378HSBPMC-GS-JAK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YWBPMC-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F385RSAPMC-GS-N2E2 Description: IC MCU 16BIT 160KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356RWBPMC1-GSE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YSBPMC1-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F385RSBPMC-GS-106E2 Description: IC MCU 16BIT 160KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YSBPMC-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F379RSBPMC-GSK5E2 Description: IC MCU 16BIT 832KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F379RWBPMC-GSK5E2 Description: IC MCU 16BIT 832KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F385RSAPMC-GS-ERE2 Description: IC MCU 16BIT 160KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F378HSBPMC-GSK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F385RSAPMC-GSE2 Description: IC MCU 16BIT 160KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YWBPMC-GE1 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ

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