



Cypress Semiconductor



MB96F378HSBPMC-GK5E2

Part Number:	MB96F378HSBPMC-GK5E2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 576KB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6348 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

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Specifications of MB96F378HSBPMC-GK5E2

PART NUMBER	MB96F378HSBPMC-GK5E2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 576KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6348 pcs
DATA SHEET	
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-GE2 MB96F378HSBPMC-GE2-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

Related Tags

Cypress Semiconductor MB96F378HSBPMC-GK5E2	MB96F378HSBPMC-GK5E2 Distributor	MB96F378HSBPMC-GK5E2 Supplier
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Related Products

 MB96F378HWBPMC-GSK5E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 576KB FLASH 144LQFP In stock: 5397 pcs RFQ	 MB96F356YWBPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 64LQFP In stock: 3902 pcs RFQ
 MB96F356YSBPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 64LQFP In stock: 3547 pcs RFQ	 MB96F356YSBPMC1-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 64LQFP In stock: 4089 pcs RFQ
 MB96F356YWBPMC1-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 64LQFP In stock: 4506 pcs RFQ	 MB96F378HSBPMC-GS-JAK5E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 576KB FLASH 144LQFP In stock: 5022 pcs RFQ
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 MB96F356YWBPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 288KB FLASH 64LQFP In stock: 3569 pcs RFQ	 MB96F378HSBPMC-GS-N2K5E2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 576KB FLASH 144LQFP In stock: 5890 pcs RFQ