



Cypress Semiconductor

MB96F388HSBPMC-GS-F4E1

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| Part Number: | MB96F388HSBPMC-GS-F4E1 |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description: | IC MCU 16BIT 576KB FLASH 120LQFP |
| Datasheets: | |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 8455 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 MB96F388HSBPMC-GS-F4E1

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|----------------------------------|---|
| PART NUMBER | MB96F388HSBPMC-GS-F4E1 |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC MCU 16BIT 576KB FLASH 120LQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 8455 pcs |
| DATA SHEET | |
| VOLTAGE - SUPPLY (VCC/VDD) | 3 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 120-LQFP (16x16) |
| SPEED | 56MHz |
| SERIES | F ² MC-16FX MB96380 |
| 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 | 120-LQFP |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TA) |
| NUMBER OF I/O | 96 |
| 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 MB96380 Microcontroller IC 16-Bit 56MHz 576KB (576K x 8) FLASH 120-LQFP (16x16) |
| DATA CONVERTERS | A/D 16x10b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | F ² MC-16FX |
| CONNECTIVITY | CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART |

Related Tags

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Related Products

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| <p>MB96F395RSAPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 100LQFP In stock: 13751 pcs RFQ</p> | <p>MB96F388HSBPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 576KB FLASH 120LQFP In stock: 7231 pcs RFQ</p> |
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| <p>MB96F387RWCPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 120LQFP In stock: 5064 pcs RFQ</p> | <p>MB96F388HSBPMC-GS-JAERE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 576KB FLASH 120LQFP In stock: 7231 pcs RFQ</p> |
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| <p>MB96F387RWCPMC-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 120LQFP In stock: 4933 pcs RFQ</p> | <p>MB96F387YWBPMC-GE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 416KB FLASH 120LQFP In stock: 3746 pcs RFQ</p> |

