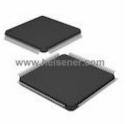


MB96F387YWBPMC-GE2

MB96F387YWBPMC-GE2 Information



For Reference Only

Part Number MB96F387YWBPMC-GE2

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 416KB FLASH 120LQFP

Package 120-LQFF

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MB96F387YWBPMC-GE2 Specifications

Manufacturer Part Number MB96F387YWBPMC-GE2 Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers Package 120-LQFP Series F²MC-16FX MB96380 Core Processor F²MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O Program Memory Size 416KB (416K x 8)	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 120-LQFP Series F²MC-16FX MB96380 Core Processor F²MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Embedded - Microcontrollers Package 120-LQFP Series F²MC-16FX MB96380 Core Processor F²MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Package 120-LQFP Series F ² MC-16FX MB96380 Core Processor F ² MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Series F ² MC-16FX MB96380 Core Processor F ² MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Core Processor F2MC-16FX Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I2C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Core Size 16-Bit Speed 56MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Speed56MHzConnectivityCANbus, EBI/EMI, I²C, LINbus, SCI, UART/USARTPeripheralsDMA, LCD, LVD, LVR, POR, PWM, WDTNumber of I/O94	
Connectivity CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Peripherals DMA, LCD, LVD, LVR, POR, PWM, WDT Number of I/O 94	
Number of I/O 94	
Program Memory Size 416KB (416K x 8)	
Program Memory Type FLASH	
EEPROM Size -	
RAM Size 16K x 8	
Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V	
Data Converters A/D 16x10b	
Oscillator Type Internal	
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	
Mounting Type -	
Package / Case 120-LQFP	
Supplier Device Package 120-LQFP (16x16)	
Report 6	

MB96F387YWBPMC-GE2 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MB96F387YWBPMC-GE2 Payment Methods



















MB96F387YWBPMC-GE2 Shipping Methods













If you have any question about MB96F387YWBPMC-GE2, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com