

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-LQFP
 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
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
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
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°C ~ 105°C (TA)
Mounting Type	-
Package / Case	120-LQFP
Supplier Device Package	120-LQFP (16x16)

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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!

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