

MB90428GCPFV-GS-218 Information


For Reference Only

Part Number [MB90428GCPFV-GS-218](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 128KB MROM 100LQFP
Package 100-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.


MB90428GCPFV-GS-218 Specifications

Manufacturer Part Number	MB90428GCPFV-GS-218
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-LQFP
Series	F2MC-16LX MB90425G (A)
Core Processor	F2MC-16LX
Core Size	16-Bit
Speed	16MHz
Connectivity	CAN, UART/USART
Peripherals	LCD, POR, PWM, WDT
Number of I/O	58
Program Memory Size	128KB (128K x 8)
Program Memory Type	Mask ROM
EEPROM Size	-
RAM Size	6K x 8
Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Data Converters	A/D 8x8/10b
Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)

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MB90428GCPFV-GS-218 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.

MB90428GCPFV-GS-218 Payment Methods



MB90428GCPFV-GS-218 Shipping Methods



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