

MB90F456SPMT-GS-BIE1 Information


For Reference Only

Part Number [MB90F456SPMT-GS-BIE1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 32KB FLASH 48LQFP
Package 48-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.


MB90F456SPMT-GS-BIE1 Specifications

Manufacturer Part Number	MB90F456SPMT-GS-BIE1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	48-LQFP
Series	F2MC-16LX MB90455
Core Processor	F2MC-16LX
Core Size	16-Bit
Speed	16MHz
Connectivity	UART/USART
Peripherals	POR, WDT
Number of I/O	34
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Data Converters	A/D 8x8/10b
Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

[Report errors?](#)

MB90F456SPMT-GS-BIE1 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.

MB90F456SPMT-GS-BIE1 Payment Methods



MB90F456SPMT-GS-BIE1 Shipping Methods



If you have any question about MB90F456SPMT-GS-BIE1, please do not hesitate to contact us!

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