

**MB90457SPMT-GT-248E1 Information**


For Reference Only

**Part Number** [MB90457SPMT-GT-248E1](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 64KB MROM 48LQFP  
**Package** 48-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**MB90457SPMT-GT-248E1 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MB90457SPMT-GT-248E1</a>                                     |
| Manufacturer               | Cypress Semiconductor Corp   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| 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        | 64KB (64K x 8)   |
| Program Memory Type        | Mask ROM   |
| 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)  |

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## MB90457SPMT-GT-248E1 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.

## MB90457SPMT-GT-248E1 Payment Methods



## MB90457SPMT-GT-248E1 Shipping Methods



If you have any question about MB90457SPMT-GT-248E1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)