

**MB91F587LBPMC-GTK5E1 Information**


For Reference Only

**Part Number** [MB91F587LBPMC-GTK5E1](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1MB FLASH 144LQFP  
**Package** 144-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.


**MB91F587LBPMC-GTK5E1 Specifications**

Manufacturer Part Number	<a href="#">MB91F587LBPMC-GTK5E1</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-LQFP
Series	FR MB91580L
Core Processor	FR81S
Core Size	32-Bit
Speed	128MHz
Connectivity	CANbus, CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SPI, UART/USART
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	111
Program Memory Size	1.0625MB (1.0625M x 8)
Program Memory Type	FLASH
EEPROM Size	64K x 8
RAM Size	104K x 8
Voltage - Supply (Vcc/Vdd)	3.7 V ~ 5.5 V
Data Converters	A/D 24x12b, D/A 1x10b
Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

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## MB91F587LBPMC-GTK5E1 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.

## MB91F587LBPMC-GTK5E1 Payment Methods



## MB91F587LBPMC-GTK5E1 Shipping Methods



If you have any question about MB91F587LBPMC-GTK5E1, please do not hesitate to contact us!

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