

MB90F591GPF-GE1 Information


For Reference Only

Part Number [MB90F591GPF-GE1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 384KB FLASH 100QFP
Package 100-BQFP
 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.


MB90F591GPF-GE1 Specifications

Manufacturer Part Number	MB90F591GPF-GE1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-BQFP
Series	F ² MC-16LX MB90590G
Core Processor	F ² MC-16LX
Core Size	16-Bit
Speed	16MHz
Connectivity	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART
Peripherals	POR, PWM, WDT
Number of I/O	78
Program Memory Size	384KB (384K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Data Converters	A/D 8x8/10b
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-BQFP
Supplier Device Package	100-QFP (14x20)

[Report errors?](#)

MB90F591GPF-GE1 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.

MB90F591GPF-GE1 Payment Methods



MB90F591GPF-GE1 Shipping Methods



If you have any question about MB90F591GPF-GE1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com