

MB96F645RBPMC-GE1 Information


For Reference Only

Part Number [MB96F645RBPMC-GE1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 160KB FLASH 100LQFP
Package 100-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


MB96F645RBPMC-GE1 Specifications

Manufacturer Part Number	MB96F645RBPMC-GE1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-LQFP
Series	F2MC-16FX MB96640
Core Processor	F2MC-16FX
Core Size	16-Bit
Speed	32MHz
Connectivity	CAN, I2C, LIN, SCI, UART/USART
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	81
Program Memory Size	160KB (160K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	16K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 24x8/10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)

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MB96F645RBPMC-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.

MB96F645RBPMC-GE1 Payment Methods



MB96F645RBPMC-GE1 Shipping Methods



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