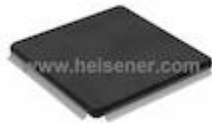


MB91F527USCPMC-GSK5E2 Information


For Reference Only

Part Number [MB91F527USCPMC-GSK5E2](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 1.5MB FLASH 176LQFP
Package 176-LQFP Exposed Pad
 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.


MB91F527USCPMC-GSK5E2 Specifications

Manufacturer Part Number	MB91F527USCPMC-GSK5E2
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	176-LQFP Exposed Pad
Series	FR MB91520
Core Processor	FR81S
Core Size	32-Bit
Speed	80MHz
Connectivity	CANbus, CSIO, EBI/EMI, I ² C, LINbus, SPI, UART/USART
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	147
Program Memory Size	1.5625MB (1.5625M x 8)
Program Memory Type	FLASH
EEPROM Size	64K x 8
RAM Size	208K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 48x12b, D/A 2x8b
Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	176-LQFP Exposed Pad
Supplier Device Package	176-TEQFP (24x24)

[Report errors?](#)

MB91F527USCPMC-GSK5E2 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.

MB91F527USCPMC-GSK5E2 Payment Methods



MB91F527USCPMC-GSK5E2 Shipping Methods



If you have any question about MB91F527USCPMC-GSK5E2, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com