

**XMC4504F144F512ACXQMA1 Information**


For Reference Only

**Part Number** [XMC4504F144F512ACXQMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 144LQFP  
**Package** 144-LQFP Exposed Pad  
 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.


**XMC4504F144F512ACXQMA1 Specifications**

Manufacturer Part Number	<a href="#">XMC4504F144F512ACXQMA1</a>
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-LQFP Exposed Pad
Series	XMC4000
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	120MHz
Connectivity	EBI/EMI, I2C, LIN, SPI, UART/USART
Peripherals	DMA, I2S, LED, POR, PWM, WDT
Number of I/O	91
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	3.13 V ~ 3.63 V
Data Converters	A/D 32x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LQFP Exposed Pad
Supplier Device Package	PG-LQFP-144

[Report errors?](#)

## XMC4504F144F512ACXQMA1 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.

## XMC4504F144F512ACXQMA1 Payment Methods



## XMC4504F144F512ACXQMA1 Shipping Methods



If you have any question about XMC4504F144F512ACXQMA1, please do not hesitate to contact us!

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