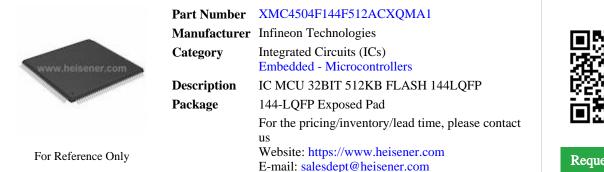


# XMC4504F144F512ACXQMA1

### XMC4504F144F512ACXQMA1 Information





**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	XMC4504F144F512ACXQMA1
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
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	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
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.



If you have any question about XMC4504F144F512ACXQMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com