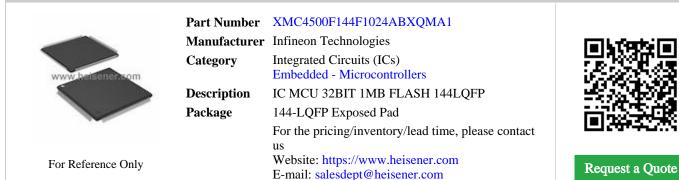


# XMC4500F144F1024ABXQMA1

### XMC4500F144F1024ABXQMA1 Information



## **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.



# XMC4500F144F1024ABXQMA1 Specifications

Manufacturer Part Number	XMC4500F144F1024ABXQMA1	
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	CANbus, EBI/EMI, Ethernet, I2C, LINbus, SPI, UART, USB	
Peripherals	DMA, I <sup>2</sup> S, LED, POR, PWM, WDT	
Number of I/O	91	
Program Memory Size	1MB (1M x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	160K 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	144-LQFP (20x20)	
		Report errors?

#### XMC4500F144F1024ABXQMA1 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 XMC4500F144F1024ABXQMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com