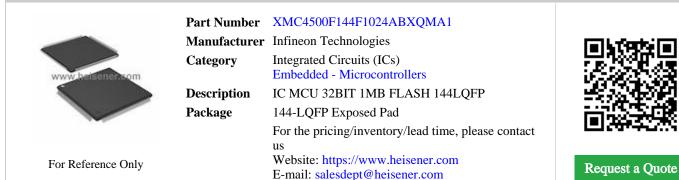


XMC4500F144F1024ABXQMA1

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 ² 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