

XMC4800E196F2048AAXQMA1 Information



For Reference Only

Part Number [XMC4800E196F2048AAXQMA1](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 2MB FLASH 196FBGA
Package 196-LFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.



XMC4800E196F2048AAXQMA1 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | XMC4800E196F2048AAXQMA1 |
| Manufacturer | Infineon Technologies |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 196-LFBGA |
| Series | XMC4000 |
| Core Processor | ARM? Cortex?-M4 |
| Core Size | 32-Bit |
| Speed | 144MHz |
| Connectivity | CAN, EBI/EMI, Ethernet, I2C, LIN, MMC/SD, SPI, UART/USART, USB OTG, USIC |
| Peripherals | DMA, I2S, LED, POR, Touch-Sense, WDT |
| Number of I/O | 155 |
| Program Memory Size | 2MB (2M x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 352K x 8 |
| Voltage - Supply (Vcc/Vdd) | 3.13 V ~ 3.63 V |
| Data Converters | A/D 32x12b, D/A 2x12b |
| Oscillator Type | External |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 196-LFBGA |
| Supplier Device Package | PG-LFBGA-196-2 |

[Report errors?](#)

XMC4800E196F2048AAXQMA1 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.

XMC4800E196F2048AAXQMA1 Payment Methods



XMC4800E196F2048AAXQMA1 Shipping Methods



If you have any question about XMC4800E196F2048AAXQMA1, please do not hesitate to contact us!

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