



XUF208-128-QF48-C10 Information



For Reference Only

Part Number XUF208-128-QF48-C10

Manufacturer XMOS

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 32BIT 1MB FLASH 48UQFN

Package 48-UFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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XUF208-128-QF48-C10 Specifications

| Manufacturer Part Number XUF208-128-QF48-C10 Manufacturer XMOS Category Integrated Circuits (ICs) Package 48-UFQFN Exposed Pad Series XUF Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UGFN (6x6) | | |
|---|----------------------------|--|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-UFQFN Exposed Pad Series XUF Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UGFN (6x6) | Manufacturer Part Number | XUF208-128-QF48-C10 |
| Package 48-UFQFN Exposed Pad Series XUF Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Manufacturer | XMOS |
| Package 48-UFQFN Exposed Pad Series XUF Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Category | Integrated Circuits (ICs) |
| Series XUF Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UFPN (6x6) | | Embedded - Microcontrollers |
| Core Processor XCore Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Operating Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Package | 48-UFQFN Exposed Pad |
| Core Size 32-Bit 8-Core Speed 1000MIPS Connectivity USB Peripherals - Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UGFN (6x6) | Series | XUF |
| Speed1000MIPSConnectivityUSBPeripherals-Number of I/O27Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)0.95 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UQFN (6x6) | Core Processor | XCore |
| ConnectivityUSBPeripherals-Number of I/O27Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)0.95 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UGFN (6x6) | Core Size | 32-Bit 8-Core |
| Peripherals Number of I/O 27 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type External Operating Temperature Mounting Type - Package / Case Supplier Device Package 48-UFQFN Exposed Pad 48-UQFN (6x6) | Speed | 1000MIPS |
| Number of I/O27Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)0.95 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UQFN (6x6) | Connectivity | USB |
| Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 1MB (1M x 8) FLASH FLASH FLASH | Peripherals | - |
| Program Memory Type EEPROM Size RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package | Number of I/O | 27 |
| EEPROM Size - 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Coscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Program Memory Size | 1MB (1M x 8) |
| RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 0.95 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd)0.95 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UQFN (6x6) | EEPROM Size | - |
| Data Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UQFN (6x6) | RAM Size | 128K x 8 |
| Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Voltage - Supply (Vcc/Vdd) | 0.95 V ~ 3.6 V |
| Operating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UQFN (6x6) | Data Converters | - |
| Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Oscillator Type | External |
| Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UQFN (6x6) | Operating Temperature | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| Supplier Device Package 48-UQFN (6x6) | Mounting Type | - |
| | Package / Case | 48-UFQFN Exposed Pad |
| Report errors? | Supplier Device Package | 48-UQFN (6x6) |
| | | Report errors? |

XUF208-128-QF48-C10 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.

XUF208-128-QF48-C10 Payment Methods



















XUF208-128-QF48-C10 Shipping Methods













If you have any question about XUF208-128-QF48-C10, please do not hesitate to contact us!

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