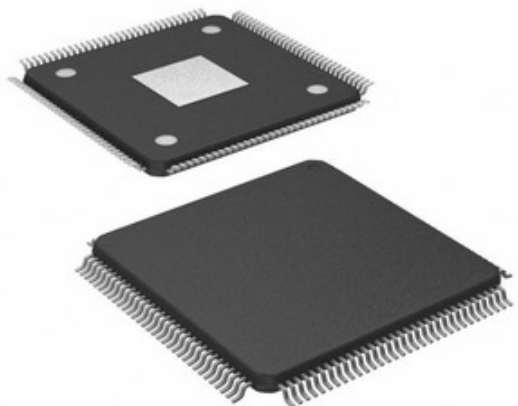




**XMOS**



XLF216-512-TQ128-C20

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XLF216-512-TQ128-C20                                                                                         |
| Manufacturer/Brand: | XMOS                                                                                                         |
| Product description | IC MCU 32BIT 2MB FLASH 128TQFP                                                                               |
|                     |  1.XLF216-512-TQ128-C20.pdf |
|                     |  2.XLF216-512-TQ128-C20.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6445 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

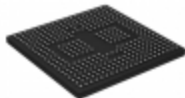
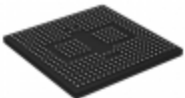
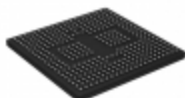
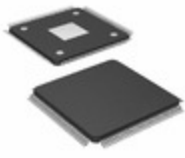
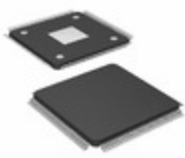
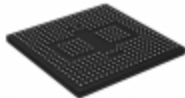
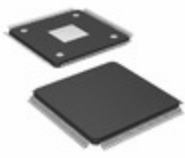
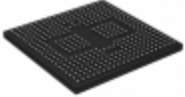
Specifications of XLF216-512-TQ128-C20

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XLF216-512-TQ128-C20                                                                                                                                                                                                             |
| MANUFACTURER                     | XMOS                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 128TQFP                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 6445 pcs                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.XLF216-512-TQ128-C20.pdf<br> 2.XLF216-512-TQ128-C20.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.95 V ~ 3.6 V                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 128-TQFP (14x14)                                                                                                                                                                                                                 |
| SPEED                            | 2000MIPS                                                                                                                                                                                                                         |
| SERIES                           | XLF                                                                                                                                                                                                                              |
| RAM SIZE                         | 512K x 8                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                                                                                                                                     |
| PERIPHERALS                      | -                                                                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 128-TQFP Exposed Pad                                                                                                                                                                                                             |
| OTHER NAMES                      | 880-1134<br>XLF216-512-TQ128-C20-ND                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 88                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | XCore XLF Microcontroller IC 32-Bit 16-Core 2000MIPS 2MB (2M x 8) FLASH 128-TQFP (14x14)                                                                                                                                         |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                |
| CORE SIZE                        | 32-Bit 16-Core                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | XCore                                                                                                                                                                                                                            |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                |

Related Tags

|                                    |                                         |                                |
|------------------------------------|-----------------------------------------|--------------------------------|
| XMOS XLF216-512-TQ128-C20          | XLF216-512-TQ128-C20 Distributor        | XLF216-512-TQ128-C20 Supplier  |
| XLF216-512-TQ128-C20 Price         | XLF216-512-TQ128-C20 Pictures           | XLF216-512-TQ128-C20 Image     |
| XLF216-512-TQ128-C20 PDF Datasheet | XLF216-512-TQ128-C20 Download Datasheet | XLF216-512-TQ128-C20 Datasheet |
| XLF216-512-TQ128-C20 Stock         | Buy XLF216-512-TQ128-C20                | Buy XMOS XLF216-512-TQ128-C20  |
| XMOS XLF216-512-TQ128-C20          | XMOS Supplier                           | XMOS Distributor               |
| XMOS XLF216-512-TQ128-C20          |                                         |                                |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XLF224-1024-FB374-C40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 4476 pcs<br/><b>RFQ</b></div> |  <div><b>XLF224-1024-FB374-I40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 4516 pcs<br/><b>RFQ</b></div> |
|  <div><b>XLF232-1024-FB374-C40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 3483 pcs<br/><b>RFQ</b></div> |  <div><b>XLF216-256-TQ128-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: 7283 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XLF216-512-FB236-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: 7977 pcs<br/><b>RFQ</b></div>  |  <div><b>XLF216-256-TQ128-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: 8077 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XLF224-512-FB374-C40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 5941 pcs<br/><b>RFQ</b></div>  |  <div><b>XLF216-512-TQ128-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: 6691 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XLF216-256-FB236-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: 7958 pcs<br/><b>RFQ</b></div>  |  <div><b>XLF224-512-FB374-I40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 4598 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XLF216-512-FB236-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: 6177 pcs<br/><b>RFQ</b></div>  |  <div><b>XLF216-256-FB236-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: 7974 pcs<br/><b>RFQ</b></div>  |