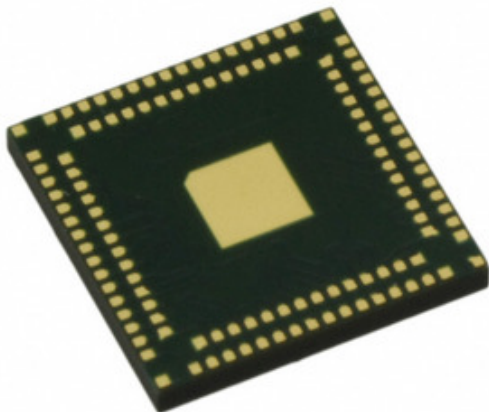




**XMOS**



XS1-L16A-128-QF124-C8

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XS1-L16A-128-QF124-C8                                                                                        |
| Manufacturer/Brand: | XMOS                                                                                                         |
| Product description | IC MCU 32BIT 128KB SRAM 124QFN                                                                               |
| Datasheets:         | <a href="#">PDF 1.XS1-L16A-128-QF124-C8.pdf</a><br><a href="#">PDF 2.XS1-L16A-128-QF124-C8.pdf</a>           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

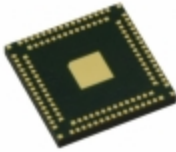
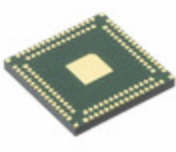
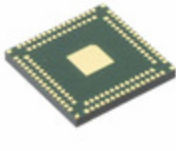
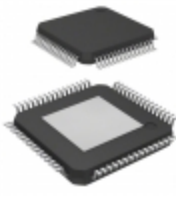
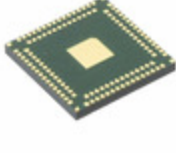
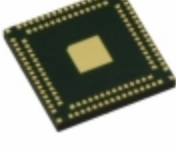
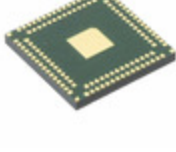
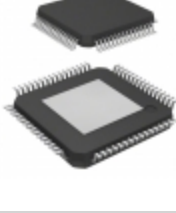
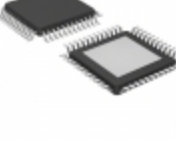
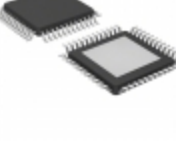
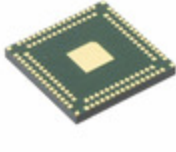
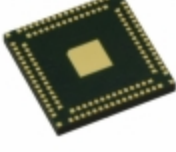
Specifications of XS1-L16A-128-QF124-C8

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XS1-L16A-128-QF124-C8                                                                              |
| MANUFACTURER                     | XMOS                                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 128KB SRAM 124QFN                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| DATA SHEET                       | <a href="#">PDF 1.XS1-L16A-128-QF124-C8.pdf</a><br><a href="#">PDF 2.XS1-L16A-128-QF124-C8.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.95 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 124-QFN DualRow (10x10)                                                                            |
| SPEED                            | 800MIPS                                                                                            |
| SERIES                           | XS1                                                                                                |
| RAM SIZE                         | -                                                                                                  |
| PROGRAM MEMORY TYPE              | SRAM                                                                                               |
| PROGRAM MEMORY SIZE              | 128KB (32K x 32)                                                                                   |
| PERIPHERALS                      | -                                                                                                  |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 124-TFQFN Dual Rows, Exposed Pad                                                                   |
| OTHER NAMES                      | 880-1004<br>XS1-L02-FB144-C4<br>XS1-L02A-QF124-C4<br>XS1L16A128QF124C8                             |
| OSCILLATOR TYPE                  | External                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                    |
| NUMBER OF I/O                    | 84                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | XCore XS1 Microcontroller IC 32-Bit 16-Core 800MIPS 128KB (32K x 32) SRAM 124-QFN DualRow (10x10)  |
| DATA CONVERTERS                  | -                                                                                                  |
| CORE SIZE                        | 32-Bit 16-Core                                                                                     |
| CORE PROCESSOR                   | XCore                                                                                              |
| CONNECTIVITY                     | Configurable                                                                                       |

Related Tags

|                                     |                                          |                                 |
|-------------------------------------|------------------------------------------|---------------------------------|
| XMOS XS1-L16A-128-QF124-C8          | XS1-L16A-128-QF124-C8 Distributor        | XS1-L16A-128-QF124-C8 Supplier  |
| XS1-L16A-128-QF124-C8 Price         | XS1-L16A-128-QF124-C8 Pictures           | XS1-L16A-128-QF124-C8 Image     |
| XS1-L16A-128-QF124-C8 PDF Datasheet | XS1-L16A-128-QF124-C8 Download Datasheet | XS1-L16A-128-QF124-C8 Datasheet |
| XS1-L16A-128-QF124-C8 Stock         | Buy XS1-L16A-128-QF124-C8                | Buy XMOS XS1-L16A-128-QF124-C8  |
| XMOS XS1-L16A-128-QF124-C8          | XMOS Supplier                            | XMOS Distributor                |
| XMOS XS1-L16A-128-QF124-C8          |                                          |                                 |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XS1-L16A-128-QF124-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>XS1-L10A-128-QF124-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
| <div></div> <div><b>XS1-L12A-128-QF124-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>XS1-L6A-64-LQ64-C5</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 64LQFP<br/>In stock: 380 pcs<br/><b>RFQ</b></div>        |
| <div></div> <div><b>XS1-L12A-128-QF124-C8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>XS1-L16A-128-QF124-I10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
| <div></div> <div><b>XS1-L12A-128-QF124-C10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> | <div></div> <div><b>XS1-L6A-64-LQ64-C4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>      |
| <div></div> <div><b>XS1-L4A-64-TQ48-I4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 48TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>      | <div></div> <div><b>XS1-L4A-64-TQ48-C4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 48TQFP<br/>In stock: 855 pcs<br/><b>RFQ</b></div>        |
| <div></div> <div><b>XS1-L12A-128-QF124-I10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> | <div></div> <div><b>XS1-L16A-128-QF124-C10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: 903 pcs<br/><b>RFQ</b></div>   |