



**XMOS**

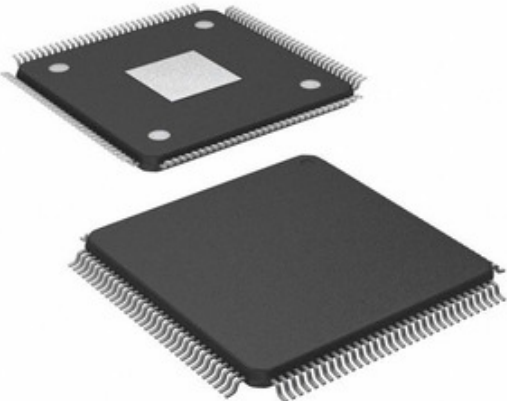


Image may be representation. See specifications for product details.

XS1-L01A-TQ128-C4-THS

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | XS1-L01A-TQ128-C4-THS                                                                                         |
| Manufacturer/Brand: | XMOS                                                                                                          |
| Product description | IC MCU 32BIT 64KB SRAM 128TQFP                                                                                |
|                     |  1.XS1-L01A-TQ128-C4-THS.pdf |
|                     |  2.XS1-L01A-TQ128-C4-THS.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 5823 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

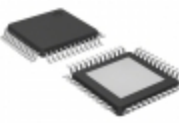
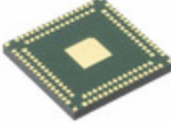
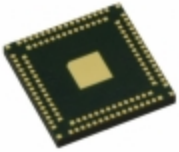
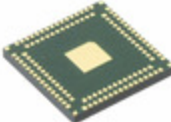
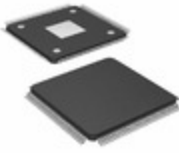
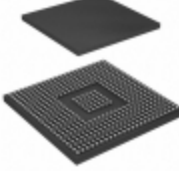
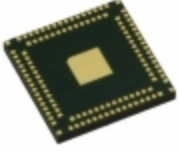
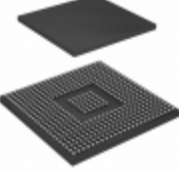
Specifications of XS1-L01A-TQ128-C4-THS

|                                  |                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XS1-L01A-TQ128-C4-THS                                                                                                                                                                                                              |
| MANUFACTURER                     | XMOS                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 64KB SRAM 128TQFP                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 5823 pcs                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.XS1-L01A-TQ128-C4-THS.pdf<br> 2.XS1-L01A-TQ128-C4-THS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.95 V ~ 3.6 V                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 128-TQFP (14x14)                                                                                                                                                                                                                   |
| SPEED                            | 400MIPS                                                                                                                                                                                                                            |
| SERIES                           | XS1                                                                                                                                                                                                                                |
| RAM SIZE                         | -                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | SRAM                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 64KB (16K x 32)                                                                                                                                                                                                                    |
| PERIPHERALS                      | -                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 128-TQFP Exposed Pad                                                                                                                                                                                                               |
| OTHER NAMES                      | 880-1023                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 64                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | XCore XS1 Microcontroller IC 32-Bit 8-Core 400MIPS 64KB (16K x 32) SRAM 128-TQFP (14x14)                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                  |
| CORE SIZE                        | 32-Bit 8-Core                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | XCore                                                                                                                                                                                                                              |
| CONNECTIVITY                     | Configurable                                                                                                                                                                                                                       |

Related Tags

|                                     |                                          |                                 |
|-------------------------------------|------------------------------------------|---------------------------------|
| XMOS XS1-L01A-TQ128-C4-THS          | XS1-L01A-TQ128-C4-THS Distributor        | XS1-L01A-TQ128-C4-THS Supplier  |
| XS1-L01A-TQ128-C4-THS Price         | XS1-L01A-TQ128-C4-THS Pictures           | XS1-L01A-TQ128-C4-THS Image     |
| XS1-L01A-TQ128-C4-THS PDF Datasheet | XS1-L01A-TQ128-C4-THS Download Datasheet | XS1-L01A-TQ128-C4-THS Datasheet |
| XS1-L01A-TQ128-C4-THS Stock         | Buy XS1-L01A-TQ128-C4-THS                | Buy XMOS XS1-L01A-TQ128-C4-THS  |
| XMOS XS1-L01A-TQ128-C4-THS          | XMOS Supplier                            | XMOS Distributor                |
| XMOS XS1-L01A-TQ128-C4-THS          |                                          |                                 |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XS1-L01A-LQ64-C4-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 64LQFP<br/>In stock: 7996 pcs<br/><b>RFQ</b></div>   |  <div><b>XS1-L01A-TQ48-C5-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 48TQFP<br/>In stock: 10461 pcs<br/><b>RFQ</b></div>   |
|  <div><b>XS1-G04B-FB144-I4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 256KB SRAM 144FBGA<br/>In stock: 6292 pcs<br/><b>RFQ</b></div>    |  <div><b>XS1-L10A-128-QF124-C8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: 7552 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XS1-L02A-QF124-C4-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: 4522 pcs<br/><b>RFQ</b></div> |  <div><b>XS1-L10A-128-QF124-C10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: 5804 pcs<br/><b>RFQ</b></div> |
|  <div><b>XS1-L01A-TQ128-C5-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 128TQFP<br/>In stock: 7179 pcs<br/><b>RFQ</b></div> |  <div><b>XS1-G04B-FB512-C4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 256KB SRAM 512BGA<br/>In stock: 3272 pcs<br/><b>RFQ</b></div>      |
|  <div><b>XS1-L02A-QF124-C5-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 124QFN<br/>In stock: 3704 pcs<br/><b>RFQ</b></div> |  <div><b>XS1-L01A-LQ64-C5-THS</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 64LQFP<br/>In stock: 7201 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XS1-G04B-FB512-I4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 256KB SRAM 512BGA<br/>In stock: 3216 pcs<br/><b>RFQ</b></div>     |  <div><b>XS1-G04B-FB144-C4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 256KB SRAM 144FBGA<br/>In stock: 5760 pcs<br/><b>RFQ</b></div>     |