



**XMOS**



XS1-A6A-64-FB96-C5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XS1-A6A-64-FB96-C5                                                                                           |
| Manufacturer/Brand: | XMOS                                                                                                         |
| Product description | IC MCU 32BIT 64KB SRAM 96FBGA                                                                                |
|                     |  1.XS1-A6A-64-FB96-C5.pdf   |
|                     |  2.XS1-A6A-64-FB96-C5.pdf   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

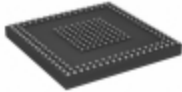
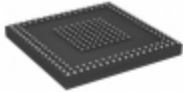
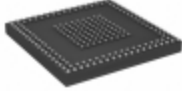
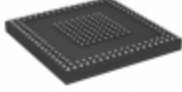
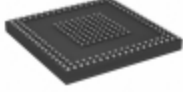
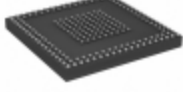
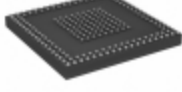
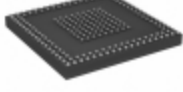
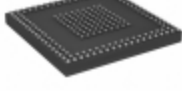
Specifications of XS1-A6A-64-FB96-C5

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XS1-A6A-64-FB96-C5                                                                                                                                                                                                           |
| MANUFACTURER                     | XMOS                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 64KB SRAM 96FBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DATA SHEET                       |  1.XS1-A6A-64-FB96-C5.pdf<br> 2.XS1-A6A-64-FB96-C5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.90 V ~ 5.5 V                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 96-FBGA (10x10)                                                                                                                                                                                                              |
| SPEED                            | 500MIPS                                                                                                                                                                                                                      |
| SERIES                           | XS1                                                                                                                                                                                                                          |
| RAM SIZE                         | -                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | SRAM                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | 64KB (16K x 32)                                                                                                                                                                                                              |
| PERIPHERALS                      | -                                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 96-LFBGA                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 42                                                                                                                                                                                                                           |
| 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 6-Core 500MIPS 64KB (16K x 32) SRAM 96-FBGA (10x10)                                                                                                                                      |
| DATA CONVERTERS                  | A/D 4x12b                                                                                                                                                                                                                    |
| CORE SIZE                        | 32-Bit 6-Core                                                                                                                                                                                                                |
| CORE PROCESSOR                   | XCore                                                                                                                                                                                                                        |
| CONNECTIVITY                     | Configurable                                                                                                                                                                                                                 |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| XMOS XS1-A6A-64-FB96-C5          | XS1-A6A-64-FB96-C5 Distributor        | XS1-A6A-64-FB96-C5 Supplier  |
| XS1-A6A-64-FB96-C5 Price         | XS1-A6A-64-FB96-C5 Pictures           | XS1-A6A-64-FB96-C5 Image     |
| XS1-A6A-64-FB96-C5 PDF Datasheet | XS1-A6A-64-FB96-C5 Download Datasheet | XS1-A6A-64-FB96-C5 Datasheet |
| XS1-A6A-64-FB96-C5 Stock         | Buy XS1-A6A-64-FB96-C5                | Buy XMOS XS1-A6A-64-FB96-C5  |
| XMOS XS1-A6A-64-FB96-C5          | XMOS Supplier                         | XMOS Distributor             |
| XMOS XS1-A6A-64-FB96-C5          |                                       |                              |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XS1-A8A-128-FB217-C8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>XS1-A8A-128-FB217-C10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>XS1-A12A-128-FB217-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>XS1-A6A-64-FB96-I4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 96FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>      |
|  <div><b>XS1-A16A-128-FB217-I10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>XS1-A16A-128-FB217-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>XS1-A6A-64-FB96-I5</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 96FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>       |  <div><b>XS1-A16A-128-FB217-C10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: 69 pcs<br/><b>RFQ</b></div>   |
|  <div><b>XS1-A16A-128-FB217-C8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>XS1-A8A-128-FB217-I8</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>XS1-A8A-128-FB217-I10</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 128KB SRAM 217FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>XS1-A6A-64-FB96-C4</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 64KB SRAM 96FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>      |