



Image may be representation.  
See specifications for product details.

### XS1-L6A-64-TQ48-I5

Part Number: **XS1-L6A-64-TQ48-I5**  
 Product Description: IC MCU 32BIT 64KB SRAM 48TQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.XS1-L6A-64-TQ48-I5.pdf](#)  
[2.XS1-L6A-64-TQ48-I5.pdf](#)

Manufacturer/Brand: XMOS  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

#### Product details

<b>Part Number</b>	XS1-L6A-64-TQ48-I5	<b>Manufacturer</b>	XMOS
<b>Description</b>	IC MCU 32BIT 64KB SRAM 48TQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	1.XS1-L6A-64-TQ48-I5.pdf2.XS1-L6A-64-TQ48-I5.pdf		
<b>Voltage - Supply (Vcc/Vdd)</b>	0.95 V ~ 3.6 V	<b>Supplier Device Package</b>	48-TQFP (7x7)
<b>Speed</b>	500MIPS	<b>Series</b>	XS1
<b>RAM Size</b>	-	<b>Program Memory Type</b>	SRAM
<b>Program Memory Size</b>	64KB (16K x 32)	<b>Peripherals</b>	-
<b>Packaging</b>	Tray	<b>Package / Case</b>	48-TQFP Exposed Pad
<b>Oscillator Type</b>	External	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	28	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	12 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	XCore XS1 Microcontroller IC 32-Bit 6-Core 500MIPS 64KB (16K x 32) SRAM 48-TQFP (7x7)
<b>Data Converters</b>	-	<b>Core Size</b>	32-Bit 6-Core
<b>Core Processor</b>	XCore	<b>Connectivity</b>	Configurable

#### Related Products

<p><b>XS1-L8A-64-LQ64-C4</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 64LQFP                  Download: <a href="#">XS1-L8A-64-LQ64-C4.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L6A-64-TQ128-C5</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 128TQFP                  Download: <a href="#">XS1-L6A-64-TQ128-C5.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XS1-L6A-64-TQ128-I5</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 128TQFP                  Download: <a href="#">XS1-L6A-64-TQ128-I5.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L6A-64-TQ48-C4</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 48TQFP                  Download: <a href="#">XS1-L6A-64-TQ48-C4.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XS1-L8A-128-QF124-I8</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 128KB SRAM 124QFN                  Download: <a href="#">XS1-L8A-128-QF124-I8.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L6A-64-TQ48-C5</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 48TQFP                  Download: <a href="#">XS1-L6A-64-TQ48-C5.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XS1-L6A-64-TQ48-I4</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 48TQFP                  Download: <a href="#">XS1-L6A-64-TQ48-I4.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L8A-64-LQ64-C5</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 64LQFP                  Download: <a href="#">XS1-L8A-64-LQ64-C5.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XS1-L8A-128-QF124-I10</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 128KB SRAM 124QFN                  Download: <a href="#">XS1-L8A-128-QF124-I10.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L8A-128-QF124-C8</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 128KB SRAM 124QFN                  Download: <a href="#">XS1-L8A-128-QF124-C8.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XS1-L8A-128-QF124-C10</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 128KB SRAM 124QFN                  Download: <a href="#">XS1-L8A-128-QF124-C10.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XS1-L6A-64-TQ128-I4</b>                  Manufacturers: XMOS                  Description: IC MCU 32BIT 64KB SRAM 128TQFP                  Download: <a href="#">XS1-L6A-64-TQ128-I4.pdf</a></p> <p><a href="#">RFQ</a></p>

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