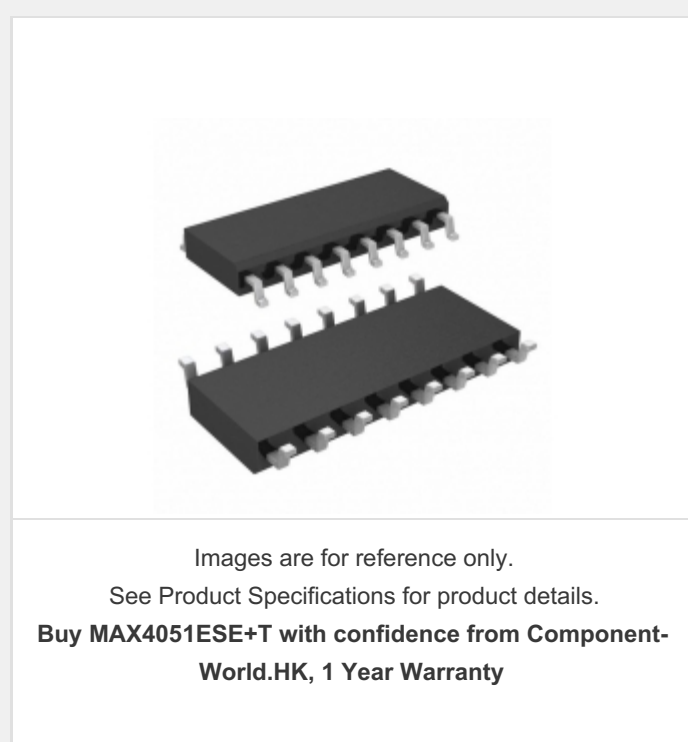


## MAX4051ESE+T



**Part Number:** [MAX4051ESE+T](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC MULTIPLEXER 8X1 16SOIC  
**Data sheet:** [MAX4051\(A\)-53\(A\)](#)  
[Part Numbering System](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MAX4051ESE+T	Manufacturer	<a href="#">Maxim Integrated</a>
Description	IC MULTIPLEXER 8X1 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37370 pcs	Data sheet	<a href="#">MAX4051(A)-53(A)</a> <a href="#">Part Numbering System</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply, Single (V+)	2 V ~ 16 V
Voltage - Supply, Dual (V±)	±2.7 V ~ 8 V	Switch Time (Ton, Toff) (Max)	175ns, 150ns
Switch Circuit	-	Supplier Device Package	16-SO
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	100 Ohm	Number of Circuits	1
Multiplexer/Demultiplexer Circuit	8:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 8:1 100 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-90dB @ 100kHz	Charge Injection	2pC
Channel-to-Channel Matching (ΔRon)	12 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	2pF, 2pF
Base Part Number	MAX4051	-3db Bandwidth	-

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RELATED PRODUCTS			
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	Part#: <a href="#">MAX4051EPE+</a> Description: IC MULTIPLEXER 8X1 16DIP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051CSE+</a> Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051CSE-T</a> Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052ACEE+</a> Description: IC MULTIPLEXER DUAL 4X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051ESE+</a> Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052AEDE</a> Description: IC MULTIPLEXER DUAL 4X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051EPE</a> Description: IC MULTIPLEXER 8X1 16DIP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051EEE+</a> Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052ACPE</a> Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052AEDE+</a> Description: IC MULTIPLEXER DUAL 4X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052ACEE</a> Description: IC MULTIPLEXER DUAL 4X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051EEE+T</a> Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4051EEE</a> Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MAX4052ACSE</a> Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
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