

MAX4509ESE+T





Part Number: [MAX4509ESE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER DUAL 4X1 16SOIC

Data sheet:  [Part Numbering System](#)
 [MAX4508-09](#)

RoHs Status: Lead free / RoHS Compliant

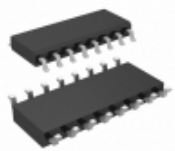
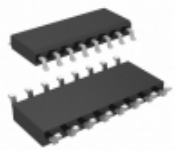
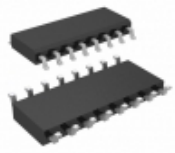
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4509ESE+T	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER DUAL 4X1 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22472 pcs	Data sheet	Part Numbering System MAX4508-09
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	9 V ~ 36 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	275ns, 200ns
Switch Circuit	SP4T	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)	400 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	4:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 4:1 400 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-62dB @ 1MHz	Charge Injection	2pC
Channel-to-Channel Matching (ΔRon)	15 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	10pF, 14pF
Base Part Number	MAX4509	-3db Bandwidth	-
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	Part#: MAX4508ESE+T Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
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