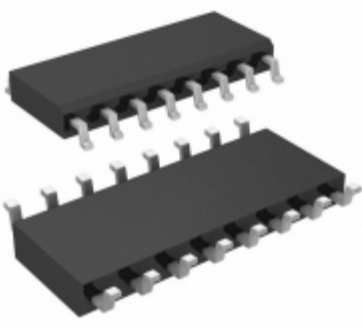


MAX4558ESE+T



Part Number: [MAX4558ESE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16SOIC

Data sheet:  [MAX4558-60](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

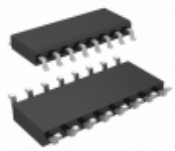
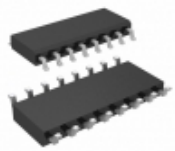
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4558ESE+T	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25871 pcs	Data sheet	MAX4558-60 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2 V ~ 12 V
Voltage - Supply, Dual (V±)	±2 V ~ 6 V	Switch Time (Ton, Toff) (Max)	150ns, 120ns
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)	160 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 8:1 160 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-93dB @ 100kHz	Charge Injection	2.4pC
Channel-to-Channel Matching (ΔRon)	2 Ohm	Channel Capacitance (CS(off), CD(off))	2.5pF, 10pF
Base Part Number	MAX4558	-3db Bandwidth	-
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RELATED PRODUCTS			
	Part#: MAX4558EPE Description: IC MUX/SW ANLG LV CMOS 16-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4558CSE Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4559CPE Description: IC MUX/SW ANLG LV CMOS 16-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4559EPE Description: IC MULTIPLEXER DUAL 4X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4558EEE+ Description: IC MULTIPLEXER 8X1 16QSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4558CSE+T Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4559CSE+T Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4559EEE+ Description: IC MUX/SW ANLG LV CMOS 16-QSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4559CSE+ Description: IC MULTIPLEXER DUAL 4X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4559CPE+ Description: IC MUX/ANALOG SWITCH LV 16DIP	Manufacturers: Maxim Integrated	RFQ
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