

MAX4581ESE+





Part Number: [MAX4581ESE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16SOIC

Data sheet:  [MAX4581-83](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

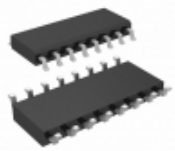
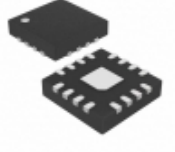
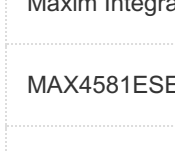
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4581ESE+	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	93244 pcs	Data sheet	MAX4581-83 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)	200ns, 100ns
Switch Circuit	-	Supplier Device Package	16-SO
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	80 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 80 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-78dB @ 1MHz	Charge Injection	0.5pC
Channel-to-Channel Matching (ΔRon)	1 Ohm	Channel Capacitance (CS(off), CD(off))	4pF, 18pF
Base Part Number	MAX4581	-3db Bandwidth	-
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	Part#: MAX4581CPE+ Description: IC MULTIPLEXER 8X1 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581LESE+ Description: IC MULTIPLEXER 8X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581EUE+ Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4581EGE+T Description: IC MUX 8:1 150 OHM 16QFN	Manufacturers: Maxim Integrated	RFQ
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