

MAX4590EAE+T



Part Number: [MAX4590EAE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST 16SSOP

Data sheet:  [MAX4580/90, MAX4600](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

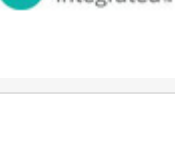
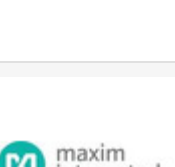
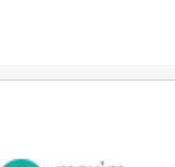
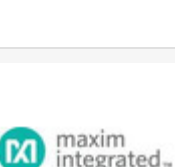
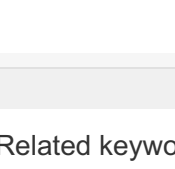
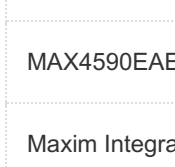
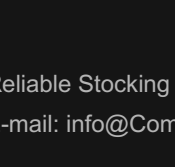
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4590EAE+T	Manufacturer	Maxim Integrated
Description	IC SWITCH DUAL SPST 16SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13880 pcs	Data sheet	MAX4580/90, MAX4600 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	4.5 V ~ 36 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	160ns, 210ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SSOP (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	1.25 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 1:1 1.25 Ohm 16-SSOP	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk	-65dB @ 1MHz	Charge Injection	-60pC
Channel-to-Channel Matching (ΔRon)	50 mOhm	Channel Capacitance (CS(off), CD(off))	115pF, 115pF
Base Part Number	MAX4590	-3db Bandwidth	-
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RELATED PRODUCTS			
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	Part#: MAX4592CPE Description: IC SW QUAD ANLG PREC SPST 16-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4590CAE+ Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4591CPE Description: IC SW QUAD ANLG PREC SPST 16-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4590EAE+ Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4590CPE Description: IC SW DUAL ANLG CMOS SPST 16-DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX4589EPP Description: IC MUX DUAL RF VIDEO 2CH 20-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4589EWP Description: IC MUX DUAL RF VIDEO 2CH 20-SOIC	Manufacturers: Maxim Integrated	RFQ

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