

MAX4590EPE



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Part Number: [MAX4590EPE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SW DUAL ANLG CMOS SPST 16-DIP

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

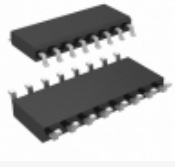
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MAX4590EPE	Manufacturer	Maxim Integrated
Description	IC SW DUAL ANLG CMOS SPST 16-DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4175 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-PDIP
Series	-	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	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)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	2 Circuit IC Switch 1:1 1.25 Ohm 16-PDIP
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#: MAX4589EWP Description: IC MUX DUAL RF VIDEO 2CH 20-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4590EWE+ Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4592CSE Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4590EAE+ Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4590CWE Description: IC SW DUAL ANLG CMOS SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
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