

MAX4580CAE



Part Number: [MAX4580CAE](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST 16SSOP

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

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

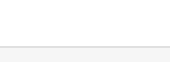
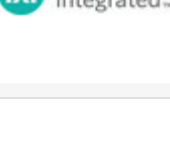
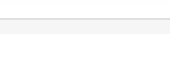
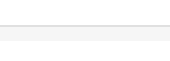
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PRODUCT PARAMETER			
Part Number	MAX4580CAE	Manufacturer	Maxim Integrated
Description	IC SWITCH DUAL SPST 16SSOP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4697 pcs	Data sheet	MAX4580/90, MAX4600 Part Numbering 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 - NC	Supplier Device Package	16-SSOP
Series	-	Packaging	Tube
Package / Case	16-SSOP (0.209", 5.30mm Width)	Operating Temperature	0°C ~ 70°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-SSOP
Current - Leakage (IS(off)) (Max)	500pA	Crosstalk	-65dB @ 1MHz
Charge Injection	-60pC	Channel-to-Channel Matching (ΔRon)	500 mOhm
Channel Capacitance (CS(off), CD(off))	115pF	Base Part Number	MAX4580
-3db Bandwidth	-		

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	Part#: MAX4580CWE+ Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4579CWP Description: IC MULTIPLEXER 8X1 20SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4580EAE Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4580EAE+T Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4580CAE+T Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
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