

MAX4742EKA+T





Part Number: [MAX4742EKA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH DUAL SPST SOT23-8

Data sheet:  [Part Numbering System](#)
 [MAX741-43](#)

RoHs Status: Lead free / RoHS Compliant

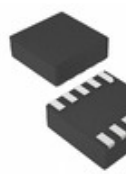
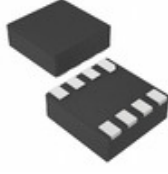
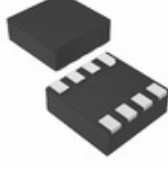
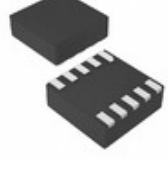
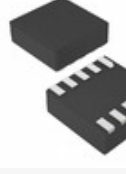
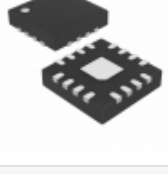
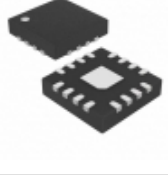
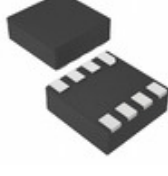
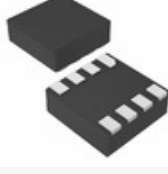
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4742EKA+T	Manufacturer	Maxim Integrated
Description	IC SWITCH DUAL SPST SOT23-8	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	56805 pcs	Data sheet	Part Numbering System MAX741-43
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.6 V ~ 3.6 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	24ns, 16ns
Switch Circuit	SPST - NC	Supplier Device Package	SOT-23-8
Series	-	Packaging	Strip
Package / Case	SOT-23-8	Other Names	MAX4742EKA+ MAX4742EKA+TTR MAX4742EKA+TTR-ND
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	800 mOhm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 1:1 800 mOhm SOT-23-8	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-110dB @ 1MHz	Charge Injection	28pC
Channel-to-Channel Matching (ΔRon)	50 mOhm	Channel Capacitance (CS(off), CD(off))	32pF, 32pF
Base Part Number	MAX4742	-3db Bandwidth	100MHz
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	Part#: MAX4741ELA+T Description: IC SWITCH DUAL SPST 8UDFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4743EKA+T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4740ETE+ Description: IC SWITCH QUAD SPDT 16TQFN	Manufacturers: Maxim Integrated	RFQ
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