

MAX4678EPE+



Part Number: [MAX4678EPE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16DIP

Data sheet:  [MAX4677-79](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

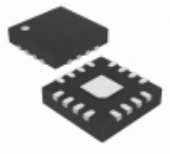
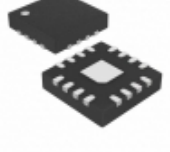
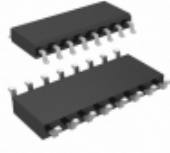
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MAX4678EPE+	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14460 pcs	Data sheet	MAX4677-79 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 11 V
Voltage - Supply, Dual (V±)	±2.7 V ~ 5.5 V	Switch Time (Ton, Toff) (Max)	350ns, 150ns
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)	1.6 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 1.6 Ohm 16-PDIP	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-84dB @ 1MHz	Charge Injection	85pC
Channel-to-Channel Matching (ΔRon)	200 mOhm	Channel Capacitance (CS(off), CD(off))	85pF, 85pF
Base Part Number	MAX4678	-3db Bandwidth	66MHz
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	Part#: MAX4675EUT+T Description: IC SWITCH SPST SOT23-6	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4674ESE+T Description: IC MULTIPLEXER QUAD 2X1 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4680CAE+ Description: IC SWITCH DUAL SPST 16SSOP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4674ETE+T Description: IC MULTIPLEXER QUAD 2X1 16TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4674EUE+ Description: IC MULTIPLEXER QUAD 2X1 16TSSOP	Manufacturers: Maxim Integrated	RFQ
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