

MAX4968ECM+



Part Number: [MAX4968ECM+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC LINEAR SWITCH 16CH HV 48LQFP

Data sheet:  [Part Numbering System](#)
 [MAX4968\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

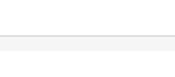
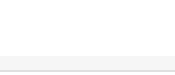
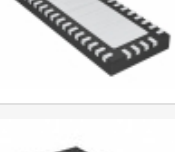
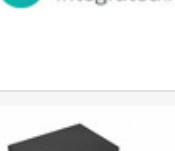
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PRODUCT PARAMETER			
Part Number	MAX4968ECM+	Manufacturer	Maxim Integrated
Description	IC LINEAR SWITCH 16CH HV 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2748 pcs	Data sheet	Part Numbering System MAX4968(A)
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	9.5 V ~ 10.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	5µs, 3.5µs
Switch Circuit	SPST - NO	Supplier Device Package	48-LQFP/48-TQFP (7x7)
Series	-	Packaging	Tray
Package / Case	48-LQFP	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	34 Ohm	Number of Circuits	16
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	16 Circuit IC Switch 1:1 34 Ohm 48-LQFP/48-TQFP (7x7)
Current - Leakage (IS(off)) (Max)	1µA	Crosstalk	-76dB @ 5MHz
Charge Injection	150pC	Channel-to-Channel Matching (ΔRon)	1.02 Ohm
Channel Capacitance (CS(off), CD(off))	9pF	Base Part Number	MAX4968
-3db Bandwidth	30MHz		
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	Part#: MAX4968CEXB+ Description: IC SWITCH LINEAR HI VOLT 64CSBGA	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX4971EBC+T Description: IC OVERVOLTAGE PROT CTRLR 12USCP	Manufacturers: Maxim Integrated	RFQ
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