

DG418DK



Part Number: [DG418DK](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ANALOG SWITCH

Data sheet:  [DG417-19](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG418DK	Manufacturer	Maxim Integrated
Description	IC ANALOG SWITCH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6044 pcs	Data sheet	DG417-19
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	13 V ~ 44 V
Voltage - Supply, Dual (V±)	±7 V ~ 22 V	Switch Time (Ton, Toff) (Max)	175ns, 145ns
Switch Circuit	SPST - NO	Supplier Device Package	8-CERDIP
Series	-	Package / Case	8-CDIP (0.300", 7.62mm)
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	35 Ohm
Number of Circuits	8	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	Vendor Undefined	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	8 Circuit IC Switch 8:1 35 Ohm 8-CERDIP	Current - Leakage (IS(off)) (Max)	150nA
Crosstalk	-85dB @ 1MHz	Charge Injection	3pC
Channel-to-Channel Matching (ΔRon)	100 mOhm	Channel Capacitance (CS(off), CD(off))	8pF
-3db Bandwidth	-		
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	Part#: DG418DY+T Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418DY-T1-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG418DY+ Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418DY Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418BDY-T1-E3 Description: IC ANALOG SWITCH SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG418DJ+ Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418CY Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418LDQ-T1-E3 Description: IC ANALOG SWITCH CMOS 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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