

DG417DY+



Part Number: [DG417DY+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH SPST 8SOIC

Data sheet:  [DG417-19](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

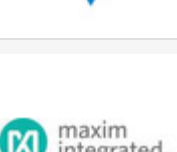
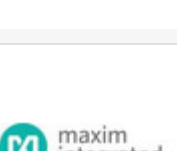
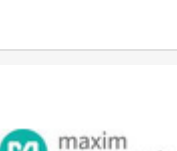
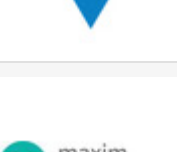
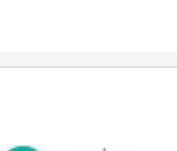
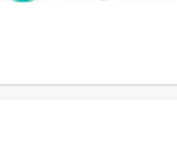
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG417DY+	Manufacturer	Maxim Integrated
Description	IC SWITCH SPST 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35877 pcs	Data sheet	DG417-19
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	10 V ~ 30 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	175ns, 145ns
Switch Circuit	SPST - NC	Supplier Device Package	8-SOIC
Series	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	35 Ohm	Number of Circuits	1
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	1 Circuit IC Switch 1:1 35 Ohm 8-SOIC	Current - Leakage (IS(off)) (Max)	250pA
Crosstalk	-85dB @ 1MHz	Charge Injection	3pC
Channel-to-Channel Matching (ΔRon)	3 Ohm (Max)	Channel Capacitance (CS(off), CD(off))	8pF, 8pF
Base Part Number	DG417	-3db Bandwidth	-

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RELATED PRODUCTS			
	Part#: DG417LAK Description: IC SWITCH QUAD SPST 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417CJ Description: IC SW ANLG PREC CMOS 8-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG417DY Description: IC ANALOG SWITCH SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417LDY Description: IC SWITCH QUAD SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417CY+ Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG417DJ-E3 Description: IC ANALOG SWITCH SPST 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417LDQ-T1-E3 Description: IC ANALOG SWITCH SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG417LDJ+ Description: IC SWITCH SPST 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG417LAK/883 Description: IC SWITCH QUAD SPST 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417DY-E3 Description: IC ANALOG SWITCH SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG417DJ Description: IC SWITCH SPST 8DIP	Manufacturers: Maxim Integrated	RFQ

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