

DG418DY



Part Number: [DG418DY](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH SPST 8SOIC

Data sheet:  [DG417-19](#)

RoHs Status: Contains lead / RoHS non-compliant

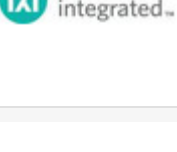
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PRODUCT PARAMETER			
Part Number	DG418DY	Manufacturer	Maxim Integrated
Description	IC SWITCH SPST 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5637 pcs	Data sheet	DG417-19
Category	Integrated Circuits (ICs)	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 - NO	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)
Lead Free Status / RoHS Status	Contains lead / RoHS non-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	DG418
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG418DY-T1-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG418DJ+ Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418DK Description: IC ANALOG SWITCH	Manufacturers: Maxim Integrated	RFQ
	Part#: DG418DY-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG418DY 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-T1 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG418CJ+ Description: IC SWITCH SPST 8DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG418LDJ+ Description: IC SWITCH SPST 8DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG418LDY+ Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ
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	Part#: DG418DJ-E3 Description: IC ANALOG SWITCH CMOS 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG418CY Description: IC SWITCH SPST 8SOIC	Manufacturers: Maxim Integrated	RFQ

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