

DG421DY





Part Number: [DG421DY](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SW DUAL ANLG CMOS LTCH 16SOIC

Data sheet:  [DG421,23,25](#)

RoHs Status: Contains lead / RoHS non-compliant

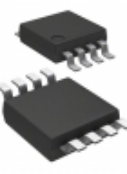
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PRODUCT PARAMETER			
Part Number	DG421DY	Manufacturer	Maxim Integrated
Description	IC SW DUAL ANLG CMOS LTCH 16SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5199 pcs	Data sheet	DG421,23,25
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	10 V ~ 30 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	250ns, 200ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SO
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	35 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	2 Circuit IC Switch 1:1 35 Ohm 16-SO
Current - Leakage (IS(off)) (Max)	500pA	Crosstalk	-90dB @ 1MHz
Charge Injection	10pC	Channel-to-Channel Matching (ΔRon)	3 Ohm (Max)
Channel Capacitance (CS(off), CD(off))	12pF, 12pF	Base Part Number	DG421
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG428DJ-E3 Description: IC MUX ANLG 8CH W/LATCH 18DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419LEUA+ Description: IC SWITCH SPDT 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419LDY-T1 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG428DN-E3 Description: IC MUX ANLG 8CH W/LATCH 20PLCC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG429DJ-E3 Description: IC MUX ANLG 8CH W/LATCH 18DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419LEUA+T Description: IC SWITCH SPDT 8UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: DG421CJ Description: IC SWITCH DUAL SPST 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG423DJ+ Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG428DN Description: IC MUX ANLG 8CH W/LATCH 20PLCC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG429DN Description: IC MUX ANLG 8CH W/LATCH 20PLCC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG419LDY-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG419LDY-T1-E3 Description: IC ANALOG SWITCH CMOS 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG423DY+T Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG419LDY+T Description: IC SWITCH SPDT 8SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG429DN-E3 Description: IC MUX ANLG 8CH W/LATCH 20PLCC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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