

DG221BDY-T1-E3



Part Number: [DG221BDY-T1-E3](#)

Manufacturer [Electro-Films \(EFI\) / Vishay](#)

Description IC SWITCH QUAD SPST/CMOS 16SOIC

Data sheet:  [DG221B](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	DG221BDY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST/CMOS 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43291 pcs	Data sheet	DG221B
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	-
Voltage - Supply, Dual (V±)	±15V	Switch Time (Ton, Toff) (Max)	550ns, 340ns
Switch Circuit	SPST - NC	Supplier Device Package	16-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	90 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 90 Ohm 16-SOIC	Current - Leakage (IS(off)) (Max)	5nA
Crosstalk	-90dB @ 100kHz	Charge Injection	20pC
Channel-to-Channel Matching (ΔRon)	-	Channel Capacitance (CS(off), CD(off))	8pF, 9pF
Base Part Number	DG221	-3db Bandwidth	-

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	Part#: DG2303DL-T1-E3 Description: IC SW ONE HS SPST 1.8/5V SC70-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG230-YG Description: CONN TERM BLK GROUND 4/0-2AWG	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: DG23-B3RA Description: SWITCH SNAP ACTION SPDT 50MA 30V	Manufacturers: Cherry Switches (ZF Electronics)	RFQ
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	Part#: DG213DY-E3 Description: IC SWITCH QUAD CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG221BDY-T1 Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG221BDJ Description: IC SWITCH QUAD SPST/CMOS 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG221BDY-E3 Description: IC SWITCH QUAD SPST/CMOS 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG23-B1LA Description: SWITCH SNAP ACTION SPDT 50MA 30V	Manufacturers: Cherry Switches (ZF Electronics)	RFQ
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