

DG2501DB-T2-GE1



Part Number: [DG2501DB-T2-GE1](#)

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

Description IC SWITCH QUAD SPST WCSP16

Data sheet:  [DG2501, 02, 03](#)

RoHs Status: Lead free / RoHS Compliant

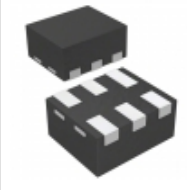
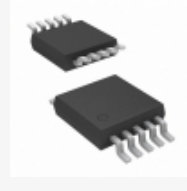
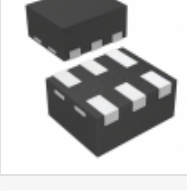
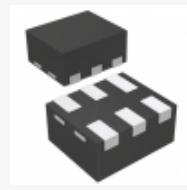
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2501DB-T2-GE1	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST WCSP16	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	126951 pcs	Data sheet	DG2501, 02, 03
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	100ns, 60ns
Switch Circuit	SPST - NC	Supplier Device Package	16-WCSP (1.44x1.44)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-XFBGA, WLCSP	Other Names	DG2501DB-T2-GE1TR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	8 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	23 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 8 Ohm 16-WCSP (1.44x1.44)
Current - Leakage (IS(off)) (Max)	400pA	Crosstalk	-83dB @ 1MHz
Charge Injection	-2pC	Channel-to-Channel Matching (ΔRon)	-
Channel Capacitance (CS(off), CD(off))	2.9pF, 2.8pF	-3db Bandwidth	550MHz
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RELATED PRODUCTS			
	Part#: DG230-YG Description: CONN TERM BLK GROUND 4/0-2AWG	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: DG23-B2RA Description: SWITCH SNAP ACTION SPDT 50MA 30V	Manufacturers: Cherry Switches (ZF Electronics)	RFQ
	Part#: DG2513DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2503DB-T2-GE1 Description: IC SWITCH SPST 150 OHM 16WCSP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2516DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2517DN-T1-E4 Description: IC SWITCH DUAL SPDT 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG25-YG Description: CONN TERM BLK GROUND 12-26AWG	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: DG2307DL-T1-GE3 Description: IC SWITCH LV SPST SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG23-B3RA Description: SWITCH SNAP ACTION SPDT 50MA 30V	Manufacturers: Cherry Switches (ZF Electronics)	RFQ
	Part#: DG2517DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2511DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2502DB-T2-GE1 Description: IC SWITCH SPST 150 OHM 16WCSP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2302DL-T1-E3 Description: IC SWITCH HS SPST SC70-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2512DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2307DL-T1-E3 Description: IC SWITCH LV SPST SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2517EDN-T1-GE4 Description: IC SWITCH DUAL SPDT 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG23-B3LA Description: SWITCH SNAP ACTION SPDT 50MA 30V	Manufacturers: Cherry Switches (ZF Electronics)	RFQ
	Part#: DG2301DL-T1-E3 Description: IC SWITCH HS SPST SC70-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2515DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2303DL-T1-E3 Description: IC SW ONE HS SPST 1.8/5V SC70-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for **DG2501DB-T2-GE1**

Electro-Films (EFI) / Vishay DG2501DB-T2-GE1	DG2501DB-T2-GE1 distributor	DG2501DB-T2-GE1 supplier	DG2501DB-T2-GE1 price
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