

DG2516DQ-T1-E3





Part Number: [DG2516DQ-T1-E3](#)

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

Description IC SWITCH DUAL SPDT 10MSOP

Data sheet:  [DG2515,16](#)

RoHs Status: Lead free / RoHS Compliant

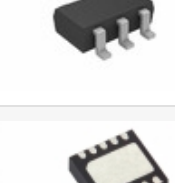
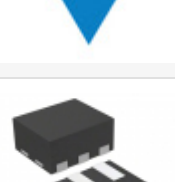
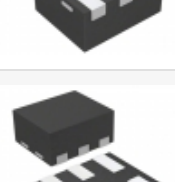
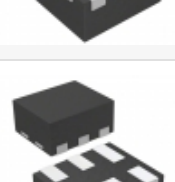
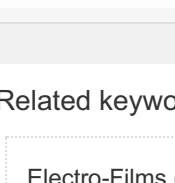
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2516DQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH DUAL SPDT 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5108 pcs	Data sheet	DG2515,16
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	50ns, 40ns
Switch Circuit	SPDT	Supplier Device Package	10-MSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	4 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	2:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 2:1 4 Ohm 10-MSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-74dB @ 1MHz
Charge Injection	49pC	Channel-to-Channel Matching (ΔRon)	100 mOhm
Channel Capacitance (CS(off), CD(off))	17pF	Base Part Number	DG2516
-3db Bandwidth	235MHz		
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RELATED PRODUCTS			
	Part#: DG2517EDN-T1-GE4 Description: IC SWITCH DUAL SPDT 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2519EDQ-T1-GE3 Description: HIGH BANDWIDTH, LOW VOLTAGE,DUAL	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2520DV-T1-E3 Description: IC SWITCH DUAL SPDT 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2517DQ-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#: DG2501DB-T2-GE1 Description: IC SWITCH QUAD SPST WCSP16	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2307DL-T1-GE3 Description: IC SWITCH LV SPST SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2503DB-T2-GE1 Description: IC SWITCH SPST 150 OHM 16WCSP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2307DL-T1-E3 Description: IC SWITCH LV SPST SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2519EDN-T1-GE4 Description: HIGH BANDWIDTH, LOW VOLTAGE,DUAL	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2521DV-T1-E3 Description: IC SWITCH DUAL SPDT 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2518DN-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#: DG2502DB-T2-GE1 Description: IC SWITCH SPST 150 OHM 16WCSP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2513DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2512DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2511DN-T1-E4 Description: IC SWITCH DUAL LV 6MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2518DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2515DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2517EDQ-T1-GE3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG2516DQ-T1-E3			
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