

DG2538DQ-T1-GE3





Part Number: [DG2538DQ-T1-GE3](#)

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

Description: IC SWITCH SPST 4.5 OHM 10MSOP

Data sheet:  [DG2537-39](#)

RoHs Status: Lead free / RoHS Compliant

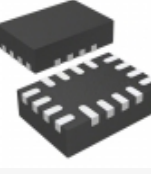
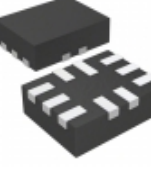
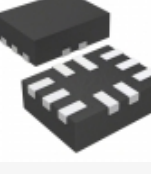
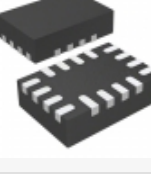
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2538DQ-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH SPST 4.5 OHM 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4005 pcs	Data sheet	DG2537-39
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.6 V ~ 4.3 V
Voltage - Supply, Dual (V±)	±2.5V	Switch Time (Ton, Toff) (Max)	30ns, 35ns
Switch Circuit	SPST - NC	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)	4.5 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 1:1 4.5 Ohm 10-MSOP
Current - Leakage (IS(off)) (Max)	250pA	Crosstalk	-90dB @ 1MHz
Charge Injection	2.2pC	Channel-to-Channel Matching (ΔRon)	200 mOhm
Channel Capacitance (CS(off), CD(off))	8pF, 9pF	Base Part Number	DG2538
-3db Bandwidth	366MHz		
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RELATED PRODUCTS			
	Part#: DG2535EDQ-T1-GE3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC ANALOG SWITCH DUAL 10MSOP		
	Part#: DG2616DN-T1-E4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10DFN		
	Part#: DG2618DN-T1-E4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10DFN		
	Part#: DG2617DN-T1-E4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10DFN		
	Part#: DG2535DN-T1-E4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10DFN		
	Part#: DG2535DQ-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10MSOP		
	Part#: DG2612DX-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV SPST SC89-6		
	Part#: DG2535EDN-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC ANALOG SWITCH DUAL 10QFN		
	Part#: DG2536DQ-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10MSOP		
	Part#: DG2525DN-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH DUAL DPDT 16-MINIQFN		
	Part#: DG2592DN1-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC AUDIO JACK DETECTOR MINIQFN		
	Part#: DG2613DX-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV SPST SC89-6		
	Part#: DG2591DN-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: AUDIO JACK DETECTOR AND MIC BIAS		
	Part#: DG2592DN-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC AUDIO JACK DETECTOR MINIQFN10		
	Part#: DG2531DQ-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10MSOP		
	Part#: DG2599DN-T1-GE4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH DPDT 3.3 OHM 16MINIQFN		
	Part#: DG2537DQ-T1-GE3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH SPST 4.5 OHM 10MSOP		
	Part#: DG2536DN-T1-E4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10DFN		
	Part#: DG2532DQ-T1-E3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH LV DUAL SPST 10MSOP		
	Part#: DG2539DQ-T1-GE3	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: IC SWITCH SPST 4.5 OHM 10MSOP		

Related keywords for DG2538DQ-T1-GE3			
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