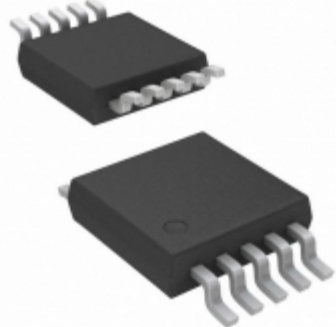


DG2531DQ-T1-E3





Part Number: [DG2531DQ-T1-E3](#)

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

Description IC SWITCH LV DUAL SPST 10MSOP

Data sheet:  [DG2531,32](#)

RoHs Status: Lead free / RoHS Compliant

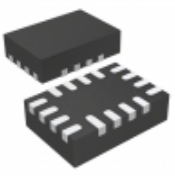
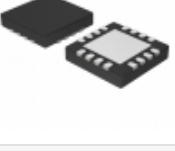
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG2531DQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH LV DUAL SPST 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4599 pcs	Data sheet	DG2531,32
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	70ns, 65ns
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)	600 mOhm	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 2:1 600 mOhm 10-MSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-69dB @ 100kHz
Charge Injection	54pC	Channel-to-Channel Matching (ΔRon)	50 mOhm (Max)
Channel Capacitance (CS(off), CD(off))	143pF	Base Part Number	DG2531
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG2518DQ-T1-E3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2536DN-T1-E4 Description: IC SWITCH LV DUAL SPST 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2521DV-T1-E3 Description: IC SWITCH DUAL SPDT 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2539DQ-T1-GE3 Description: IC SWITCH SPST 4.5 OHM 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2525DN-T1-GE4 Description: IC SWITCH DUAL DPDT 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2535DQ-T1-E3 Description: IC SWITCH LV DUAL SPST 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2517EDQ-T1-GE3 Description: IC SWITCH DUAL SPDT 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2519EDN-T1-GE4 Description: HIGH BANDWIDTH, LOW VOLTAGE,DUAL	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2535DN-T1-E4 Description: IC SWITCH LV DUAL SPST 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2518DN-T1-E4 Description: IC SWITCH DUAL SPDT 10DFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2532DQ-T1-E3 Description: IC SWITCH LV DUAL SPST 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2537DQ-T1-GE3 Description: IC SWITCH SPST 4.5 OHM 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2520DV-T1-E3 Description: IC SWITCH DUAL SPDT 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2535EDN-T1-GE4 Description: IC ANALOG SWITCH DUAL 10QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2522DN-T1-E4 Description: IC SWITCH SP3T FAULT 8-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2535EDQ-T1-GE3 Description: IC ANALOG SWITCH DUAL 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2538DQ-T1-GE3 Description: IC SWITCH SPST 4.5 OHM 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2519EDQ-T1-GE3 Description: HIGH BANDWIDTH, LOW VOLTAGE,DUAL	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2523DN-T1-GE4 Description: IC SWITCH DUAL SPDT 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG2536DQ-T1-E3 Description: IC SWITCH LV DUAL SPST 10MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG2531DQ-T1-E3			
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