

DG3540DB-T1-E1



Part Number: [DG3540DB-T1-E1](#)

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

Description: IC SWITCH DUAL SPDT 8MICRO

Data sheet:  [DG3537-40](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

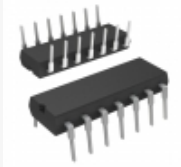
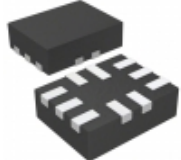
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PRODUCT PARAMETER			
Part Number	DG3540DB-T1-E1	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH DUAL SPDT 8MICRO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	176115 pcs	Data sheet	DG3537-40
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	41ns, 37ns
Switch Circuit	SPST - NO/NC	Supplier Device Package	8-MicroFoot™ (1.5x1.5)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-WFBGA	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	3.5 Ohm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	21 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 1:1 3.5 Ohm 8-MicroFoot™ (1.5x1.5)	Current - Leakage (IS(off)) (Max)	2nA
Crosstalk	-66dB @ 10MHz	Charge Injection	1pC
Channel-to-Channel Matching (ΔRon)	200 mOhm (Max)	Channel Capacitance (CS(off), CD(off))	8pF
Base Part Number	DG3540	-3db Bandwidth	360MHz

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	Part#: DG3803X Description: LED GREEN CLEAR 3MM ROUND T/H	Manufacturers: Stanley Electric	RFQ
	Part#: DG381ACWE Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG381ACWE+ Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG381ACJ+ Description: IC SWITCH DUAL SPST 14DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG3535DB-T5-E1 Description: IC SWITCH DUAL SPDT 10MICRO	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG381AAK/883B Description: IC SWITCH DUAL SPST COTS	Manufacturers: Maxim Integrated	RFQ
	Part#: DG3516DB-T5-E1 Description: IC SWITCH DUAL SPDT 10MICROFOOT	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG3538DB-T5-E1 Description: IC SWITCH DUAL SPDT 8MICRO	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG381BDJ-E3 Description: IC SWITCH DUAL CMOS 14DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG3535DB-T1-E1 Description: IC SWITCH SPDT 400MOHM 10WFBGA	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG381ACJ Description: IC SWITCH DUAL SPST 14DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG381ACWE+T Description: IC SWITCH DUAL SPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG3539DB-T5-E1 Description: IC SWITCH DUAL SPDT 8MICRO	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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