

DG636EQ-T1-E3



Part Number: [DG636EQ-T1-E3](#)

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

Description IC SWITCH DUAL SPDT 14TSSOP

Data sheet:  [DG636](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

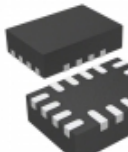
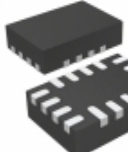
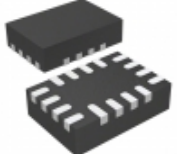
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG636EQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH DUAL SPDT 14TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5730 pcs	Data sheet	DG636
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2.7 V ~ 5 V	Switch Time (Ton, Toff) (Max)	60ns, 52ns
Switch Circuit	SPDT	Supplier Device Package	14-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Other Names	DG636EQ-T1-E3TR DG636EQT1E3
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	115 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 2:1 115 Ohm 14-TSSOP	Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-88dB @ 10MHz	Charge Injection	0.1pC
Channel-to-Channel Matching (ΔRon)	1 Ohm	Channel Capacitance (CS(off), CD(off))	2.1pF, 4.2pF
Base Part Number	DG636	-3db Bandwidth	610MHz

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RELATED PRODUCTS			
	Part#: DG613DY-T1-E3 Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DY-E3 Description: IC VIDEO SWITCH SPDT 16DSOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG636EN-T1-E4 Description: IC SWITCH DUAL SPDT 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG641DJ Description: IC VIDEO SWITCH SPDT 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613EEN-T1-GE4 Description: IC ANALOG SWITCH 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG642DY-E3 Description: IC VIDEO SWITCH SPDT 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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