



Electro-Films (EFI) / Vishay



DG612AEQ-T1-E3

Part Number:	DG612AEQ-T1-E3
Manufacturer/Brand:	Electro-Films (EFI) / Vishay
Product description	IC SWITCH QUAD SPST 16TSSOP
Datasheets:	 DG612AEQ-T1-E3.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3555 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of DG612AEQ-T1-E3

PART NUMBER	DG612AEQ-T1-E3
MANUFACTURER	Electro-Films (EFI) / Vishay
DESCRIPTION	IC SWITCH QUAD SPST 16TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3555 pcs
DATA SHEET	 DG612AEQ-T1-E3.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	2.7 V ~ 12 V
VOLTAGE - SUPPLY, DUAL (V±)	±2.7 V ~ 5 V
SWITCH TIME (TON, TOFF) (MAX)	55ns, 35ns
SWITCH CIRCUIT	SPST - NO
SUPPLIER DEVICE PACKAGE	16-TSSOP
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-TSSOP (0.173", 4.40mm Width)
OTHER NAMES	DG612AEQ-T1-E3TR DG612AEQT1E3
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
ON-STATE RESISTANCE (MAX)	115 Ohm
NUMBER OF CIRCUITS	4
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	1:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4 Circuit IC Switch 1:1 115 Ohm 16-TSSOP
CURRENT - LEAKAGE (IS(OFF)) (MAX)	100pA
CROSSTALK	-90dB @ 10MHz
CHARGE INJECTION	1pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	700 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	2pF, 3pF
BASE PART NUMBER	DG612
-3DB BANDWIDTH	720MHz

Related Tags

Electro-Films (EFI) / Vishay DG612AEQ-T1-E3	DG612AEQ-T1-E3 Distributor	DG612AEQ-T1-E3 Supplier
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Phoenix Passive Components / Vishay DG612AEQ-T1-E3		

Related Products

 DG611EEQ-T1-GE4 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH 16TSSOP In stock: 188600 pcs RFQ	 DG611DY-T1 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-SOIC In stock: 5567 pcs RFQ
 DG611EEY-T1-GE4 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 72256 pcs RFQ	 DG612AEY-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 4327 pcs RFQ
 DG612AEN-T1-E4 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16MINIQFN In stock: 3625 pcs RFQ	 DG612DJ-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-DIP In stock: 26955 pcs RFQ
 DG612DY-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-SOIC In stock: 3463 pcs RFQ	 DG611DY-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-SOIC In stock: 6790 pcs RFQ
 DG612DY Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-SOIC In stock: 4640 pcs RFQ	 DG611EEN-T1-GE4 Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH 16MINIQFN In stock: 179273 pcs RFQ
 DG612DJ Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-DIP In stock: 4015 pcs RFQ	 DG612DY-T1 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16-SOIC In stock: 3916 pcs RFQ