



Electro-Films (EFI) / Vishay

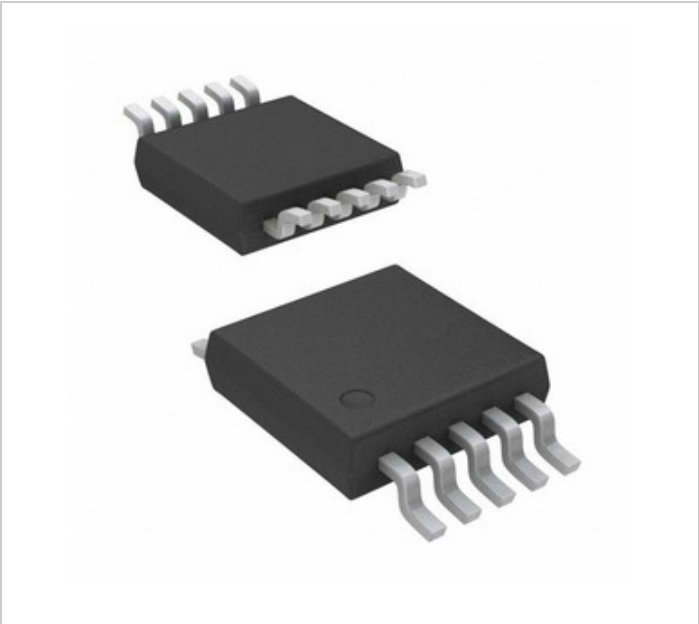


Image may be representation. See specifications for product details.

DG2538DQ-T1-GE3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG2538DQ-T1-GE3                                                                                              |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                 |
| Product description | IC SWITCH SPST 4.5 OHM 10MSOP                                                                                |
| Datasheets:         |  DG2538DQ-T1-GE3.pdf        |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

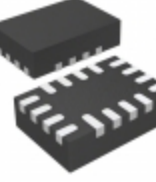
Specifications of DG2538DQ-T1-GE3

|                                        |                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------|
| 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                                                                              |
| DATA SHEET                             |  DG2538DQ-T1-GE3.pdf |
| 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                                                                                                  |

Related Tags

|                                                     |                                              |                                                  |
|-----------------------------------------------------|----------------------------------------------|--------------------------------------------------|
| Electro-Films (EFI) / Vishay DG2538DQ-T1-GE3        | DG2538DQ-T1-GE3 Distributor                  | DG2538DQ-T1-GE3 Supplier                         |
| DG2538DQ-T1-GE3 Price                               | DG2538DQ-T1-GE3 Pictures                     | DG2538DQ-T1-GE3 Image                            |
| DG2538DQ-T1-GE3 PDF Datasheet                       | DG2538DQ-T1-GE3 Download Datasheet           | DG2538DQ-T1-GE3 Datasheet                        |
| DG2538DQ-T1-GE3 Stock                               | Buy DG2538DQ-T1-GE3                          | Buy Electro-Films (EFI) / Vishay DG2538DQ-T1-GE3 |
| Electro-Films (EFI) / Vishay DG2538DQ-T1-GE3        | Electro-Films (EFI) / Vishay Supplier        | Electro-Films (EFI) / Vishay Distributor         |
| Electro-Films (EFI) / Vishay DG2538DQ-T1-GE3        | Electro-Films (EFI) / Vishay DG2538DQ-T1-GE3 | Vishay Electro-Films DG2538DQ-T1-GE3             |
| Phoenix Passive Components / Vishay DG2538DQ-T1-GE3 |                                              |                                                  |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG2537DQ-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 4.5 OHM 10MSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>DG2535EDQ-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH DUAL 10MSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>DG2591DN-T1-GE4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: AUDIO JACK DETECTOR AND MIC BIAS<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>DG2612DX-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV SPST SC89-6<br/>In stock: Out stock<br/><b>RFQ</b></div>          |
|  <div><b>DG2539DQ-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPST 4.5 OHM 10MSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>DG2535DQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV DUAL SPST 10MSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>DG2536DN-T1-E4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV DUAL SPST 10DFN<br/>In stock: Out stock<br/><b>RFQ</b></div>      |  <div><b>DG2599DN-T1-GE4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DPDT 3.3 OHM 16MINIQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>DG2536DQ-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH LV DUAL SPST 10MSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>DG2592DN1-T1-GE4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC AUDIO JACK DETECTOR MINIQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>DG2535EDN-T1-GE4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC ANALOG SWITCH DUAL 10QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>DG2592DN-T1-GE4</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC AUDIO JACK DETECTOR MINIQFN10<br/>In stock: Out stock<br/><b>RFQ</b></div> |