



Electro-Films (EFI) / Vishay



DG3538DB-T5-E1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DG3538DB-T5-E1                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                         |
| Product description | IC SWITCH DUAL SPDT 8MICRO                                                                                           |
| Datasheets:         |  <a href="#">DG3538DB-T5-E1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 257200 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 DG3538DB-T5-E1

|                                        |                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | DG3538DB-T5-E1                                                                                                         |
| MANUFACTURER                           | Electro-Films (EFI) / Vishay                                                                                           |
| DESCRIPTION                            | IC SWITCH DUAL SPDT 8MICRO                                                                                             |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                     | 257200 pcs                                                                                                             |
| DATA SHEET                             |  <a href="#">DG3538DB-T5-E1.pdf</a> |
| 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)                                                                                                          |
| 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                       | DG3538                                                                                                                 |
| -3DB BANDWIDTH                         | 360MHz                                                                                                                 |

Related Tags

|                                                    |                                             |                                                 |
|----------------------------------------------------|---------------------------------------------|-------------------------------------------------|
| Electro-Films (EFI) / Vishay DG3538DB-T5-E1        | DG3538DB-T5-E1 Distributor                  | DG3538DB-T5-E1 Supplier                         |
| DG3538DB-T5-E1 Price                               | DG3538DB-T5-E1 Pictures                     | DG3538DB-T5-E1 Image                            |
| DG3538DB-T5-E1 PDF Datasheet                       | DG3538DB-T5-E1 Download Datasheet           | DG3538DB-T5-E1 Datasheet                        |
| DG3538DB-T5-E1 Stock                               | Buy DG3538DB-T5-E1                          | Buy Electro-Films (EFI) / Vishay DG3538DB-T5-E1 |
| Electro-Films (EFI) / Vishay DG3538DB-T5-E1        | Electro-Films (EFI) / Vishay Supplier       | Electro-Films (EFI) / Vishay Distributor        |
| Electro-Films (EFI) / Vishay DG3538DB-T5-E1        | Electro-Films (EFI) / Vishay DG3538DB-T5-E1 | Vishay Electro-Films DG3538DB-T5-E1             |
| Phoenix Passive Components / Vishay DG3538DB-T5-E1 |                                             |                                                 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DG3539DB-T5-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 8MICRO<br/>In stock: 257457 pcs<br/><div>RFQ</div></div>  |  <div><b>DG3540DB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 8MICRO<br/>In stock: 247843 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DG3536DB-T5-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 10MICRO<br/>In stock: 126668 pcs<br/><div>RFQ</div></div> |  <div><b>DG3535ADB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 10MICRO<br/>In stock: 6514 pcs<br/><div>RFQ</div></div>   |
|  <div><b>DG3535DB-T5-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 10MICRO<br/>In stock: 101273 pcs<br/><div>RFQ</div></div> |  <div><b>DG3803X</b><br/>Manufacturers: Stanley Electric<br/>Description: LED GREEN CLEAR 3MM ROUND T/H<br/>In stock: 4372 pcs<br/><div>RFQ</div></div>                     |
|  <div><b>DG3537DB-T5-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 8MICRO<br/>In stock: 258717 pcs<br/><div>RFQ</div></div>  |  <div><b>DG3535DB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH SPDT 400MOHM 10WFBGA<br/>In stock: 5207 pcs<br/><div>RFQ</div></div> |
|  <div><b>DG3804X</b><br/>Manufacturers: Stanley Electric<br/>Description: LED GREEN CLEAR 3MM ROUND T/H<br/>In stock: 5327 pcs<br/><div>RFQ</div></div>                    |  <div><b>DG3517DB-T5-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC SWITCH DUAL SPDT 10MICRO<br/>In stock: 6111 pcs<br/><div>RFQ</div></div>    |
|  <div><b>DG381AAK/883B</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST COTS<br/>In stock: 3131 pcs<br/><div>RFQ</div></div>                   |  <div><b>DG381ACJ</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 14DIP<br/>In stock: 7029 pcs<br/><div>RFQ</div></div>                        |