

TOSHIBA

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Toshiba Semiconductor and Storage

Storage




Image may be representation. See specifications for product details.

TLP152(TPL,E

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| Part Number: | TLP152(TPL,E |
| Manufacturer/Brand: | Toshiba Semiconductor and Storage |
| Product description | OPTOISO 3.75KV GATE DRIVER 6SO-5 |
| Datasheets: |  TLP152(TPL,E.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 184319 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION













Specifications of TLP152(TPL,E

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|--------------------------------------|---|
| PART NUMBER | TLP152(TPL,E |
| MANUFACTURER | Toshiba Semiconductor and Storage |
| DESCRIPTION | OPTOISO 3.75KV GATE DRIVER 6SO-5 |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 184319 pcs |
| DATA SHEET |  TLP152(TPL,E.pdf |
| VOLTAGE - SUPPLY | 10 V ~ 30 V |
| VOLTAGE - ISOLATION | 3750Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | 1.57V |
| TECHNOLOGY | Optical Coupling |
| SUPPLIER DEVICE PACKAGE | 6-SO, 5 Lead |
| SERIES | - |
| RISE / FALL TIME (TYP) | 18ns, 22ns |
| PULSE WIDTH DISTORTION (MAX) | 50ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 145ns, 165ns |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 6-SOIC (0.179", 4.55mm Width), 5 Leads |
| OTHER NAMES | TLP152(TPL,E(O TLP152(TPL,E(T TLP152(TPL,ETR TLP152(TPLE(TTR TLP152(TPLE(TTR-ND TLP152(TPLETR TLP152TPLE TLP152TPLET |
| OPERATING TEMPERATURE | -40°C ~ 100°C |
| NUMBER OF CHANNELS | 1 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DETAILED DESCRIPTION | 2.5A Gate Driver Optical Coupling 3750Vrms 1 Channel 6-SO, 5 Lead |
| CURRENT - PEAK OUTPUT | 2.5A |
| CURRENT - OUTPUT HIGH, LOW | 2A, 2A |
| CURRENT - DC FORWARD (IF) (MAX) | 20mA |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/µs |
| APPROVALS | - |

Related Tags

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| Toshiba Semiconductor and Storage TLP152(TPL,E | TLP152(TPL,E Distributor | TLP152(TPL,E Supplier |
| TLP152(TPL,E Price | TLP152(TPL,E Pictures | TLP152(TPL,E Image |
| TLP152(TPL,E PDF Datasheet | TLP152(TPL,E Download Datasheet | TLP152(TPL,E Datasheet |
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Related Products

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| <div><div></div><div><div>TLP15CA</div><div>Manufacturers: Littelfuse Inc. Description: HI-REL TVS AXL HP TLP15 BI In stock: 6231 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP152(E</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: X36 PB-F PHOTOCOUPLER IGBT/MOSFE In stock: 116354 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>TLP150R-96S48FJ</div><div>Manufacturers: Astec America (Artesyn Embedded Technologies) Description: AC/DC CONVERTER 48V 100W In stock: 553 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP150R-96S48J</div><div>Manufacturers: Astec America (Artesyn Embedded Technologies) Description: AC/DC CONVERTER 48V 100W In stock: 718 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>TLP160G(TPR,U,F)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISOLATOR 2.5KV TRIAC 6MFSOP In stock: 324705 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP151A(E)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV GATE DRIVER 6SO-5 In stock: 47424 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>TLP155E(E)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV GATE DRIVER 6SO-5 In stock: 41074 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP155E(TPL,E)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV GATE DRIVER 6SO-5 In stock: 244364 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>TLP150R-96S36J</div><div>Manufacturers: Astec America (Artesyn Embedded Technologies) Description: AC/DC CONVERTER 36V 100W In stock: 829 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP15A</div><div>Manufacturers: Littelfuse Inc. Description: HI-REL TVS AXL HP TLP15 UNI In stock: 4864 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>TLP151A(TPR,E)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV GATE DRIVER 6SO-5 In stock: 142507 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>TLP160G(U,F)</div><div>Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISOLATOR 2.5KV TRIAC 6MFSOP In stock: 5232 pcs</div><div>RFQ</div></div></div> |