

QT  
BRIGHTTEK

QT Brighttek

QT851

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | QT851                            |
| Manufacturer/Brand: | QT Brighttek                     |
| Product description | 4 PIN HIGH POWER PHOTOTRANSISTOR |
| Datasheets:         | QT851.pdf                        |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 82770 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of QT851

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| PART NUMBER                      | QT851                                                   |
| MANUFACTURER                     | QT Brighttek                                            |
| DESCRIPTION                      | 4 PIN HIGH POWER PHOTOTRANSISTOR                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                              |
| QUANTITY AVAILABLE               | 82770 pcs                                               |
| DATA SHEET                       | QT851.pdf                                               |
| VOLTAGE - OUTPUT (MAX)           | 350V                                                    |
| VOLTAGE - ISOLATION              | 5000Vrms                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                    |
| VCE SATURATION (MAX)             | 400mV                                                   |
| TURN ON / TURN OFF TIME (TYP)    | -                                                       |
| SUPPLIER DEVICE PACKAGE          | 4-DIP                                                   |
| SERIES                           | -                                                       |
| RISE / FALL TIME (TYP)           | 6µs, 8µs                                                |
| PACKAGING                        | Tube                                                    |
| PACKAGE / CASE                   | 4-DIP (0.300", 7.62mm)                                  |
| OUTPUT TYPE                      | Transistor                                              |
| OTHER NAMES                      | 1516-1323                                               |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                           |
| NUMBER OF CHANNELS               | 1                                                       |
| MOUNTING TYPE                    | Through Hole                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                              |
| INPUT TYPE                       | DC                                                      |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5000Vrms 1 Channel 4-DIP |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 5mA                                               |
| CURRENT TRANSFER RATIO (MAX)     | 600% @ 5mA                                              |
| CURRENT - OUTPUT / CHANNEL       | 100mA                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 80mA                                                    |

Related Tags

|                     |                          |                          |
|---------------------|--------------------------|--------------------------|
| QT Brighttek QT851  | QT851 Distributor        | QT851 Supplier           |
| QT851 Price         | QT851 Pictures           | QT851 Image              |
| QT851 PDF Datasheet | QT851 Download Datasheet | QT851 Datasheet          |
| QT851 Stock         | Buy QT851                | Buy QT Brighttek QT851   |
| QT Brighttek QT851  | QT Brighttek Supplier    | QT Brighttek Distributor |
| QT Brighttek QT851  | QT Brighttek (QTB) QT851 |                          |

Related Products

|                                                                                                                                                                                                 |                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ACFL-5211U-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH TRANS SO12<br/>In stock: 16524 pcs</div> <div>RFQ</div>       | <div></div> <div><b>VO617A</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-DIP<br/>In stock: 139347 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>TLP383(D4GB-TL,E</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: TRANSISTOR OPTOCOUPLER LOW CURRE<br/>In stock: 549048 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PS2561DL2-1Y-Q-A</b><br/>Manufacturers: CEL (California Eastern Laboratories)<br/>Description: OPTOISOLATOR 5KV TRANS 4SMD<br/>In stock: 3986 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>VOM618A-2X001T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 317259 pcs</div> <div>RFQ</div> | <div></div> <div><b>EL3H7(A)(TB)-G</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SSOP<br/>In stock: 837420 pcs</div> <div>RFQ</div>               |
| <div></div> <div><b>QT852</b><br/>Manufacturers: QT Brighttek<br/>Description: 4 PIN HIGH POWER PHOTODARLINGTON<br/>In stock: 76361 pcs</div> <div>RFQ</div>                                    | <div></div> <div><b>SFH615A-1X017T</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 284258 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>QT8C04-ASG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TOUCH SENSOR<br/>In stock: 3902 pcs</div> <div>RFQ</div>                                | <div></div> <div><b>SFH6156-1T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4-SMD<br/>In stock: 294199 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>EL814S(TA)-V</b><br/>Manufacturers: Everlight Electronics<br/>Description: OPTOISOLTR 5KV TRANSISTOR 4-SMD<br/>In stock: 782026 pcs</div> <div>RFQ</div>                    | <div></div> <div><b>SFH6106-4X001T</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5.3KV TRANS 4SMD<br/>In stock: 235159 pcs</div> <div>RFQ</div> |