



LAPIS Semiconductor

## BD4157MUV-E2

|                      |                                       |
|----------------------|---------------------------------------|
| Part Number:         | BD4157MUV-E2                          |
| Manufacturer/Brand:  | LAPIS Semiconductor                   |
| Product description: | IC POWER SWITCH EXPRESS 20VQFN        |
| Datasheets:          | <a href="#">PDF: BD4157MUV-E2.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant            |
| Stock Condition:     | 192239 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 BD4157MUV-E2

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | BD4157MUV-E2                                     |
| MANUFACTURER                     | LAPIS Semiconductor                              |
| DESCRIPTION                      | IC POWER SWITCH EXPRESS 20VQFN                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                       |
| QUANTITY AVAILABLE               | 192239 pcs                                       |
| DATA SHEET                       | <a href="#">PDF: BD4157MUV-E2.pdf</a>            |
| VOLTAGE - SUPPLY (VCC/VDD)       | -  |
| VOLTAGE - LOAD                   | 1.5V, 3.3V                                       |
| SWITCH TYPE                      | ExpressCard™ Switch                              |
| SUPPLIER DEVICE PACKAGE          | VQFN020V4040                                     |
| SERIES                           | -  |
| RDS ON (TYP)                     | 50 mOhm, 140 mOhm                                |
| RATIO - INPUT:OUTPUT             | 1:1  |
| PACKAGING                        | Tape & Reel (TR)                                 |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                             |
| OUTPUT TYPE                      | N-Channel  |
| OUTPUT CONFIGURATION             | High Side  |
| OTHER NAMES                      | BD4157MUV-E2TR                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TA)                               |
| NUMBER OF OUTPUTS                | 3  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                       |
| INTERFACE                        | On/Off   |
| INPUT TYPE                       | -  |
| FEATURES                         | Load Discharge                                   |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, UVLO |
| CURRENT - OUTPUT (MAX)           | -  |

### Related Tags

|                                  |                                 |                                      |
|----------------------------------|---------------------------------|--------------------------------------|
| LAPIS Semiconductor BD4157MUV-E2 | BD4157MUV-E2 Distributor        | BD4157MUV-E2 Supplier                |
| BD4157MUV-E2 Price               | BD4157MUV-E2 Pictures           | BD4157MUV-E2 Image                   |
| BD4157MUV-E2 PDF Datasheet       | BD4157MUV-E2 Download Datasheet | BD4157MUV-E2 Datasheet               |
| BD4157MUV-E2 Stock               | Buy BD4157MUV-E2                | Buy LAPIS Semiconductor BD4157MUV-E2 |
| LAPIS Semiconductor BD4157MUV-E2 | LAPIS Semiconductor Supplier    | LAPIS Semiconductor Distributor      |
| LAPIS Semiconductor BD4157MUV-E2 | Kionix Inc. BD4157MUV-E2        | Rohm Semiconductor BD4157MUV-E2      |

### Related Products

|   |  |
|---|--|
| <p><b>BD42540FJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LIN POS ADJ 70MA 8SOP-J<br/>In stock: 183121 pcs<br/><a href="#">RFQ</a></p>   | <p><b>BD4269FJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LIN POS ADJ 200MA 8SOP-J<br/>In stock: 216730 pcs<br/><a href="#">RFQ</a></p>    |
| <p><b>BD4153FV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC PWR MGMT SWITCH 24SSOP<br/>In stock: 38967 pcs<br/><a href="#">RFQ</a></p>           | <p><b>BD4154FV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC POWER SWITCH SSOP-B20<br/>In stock: 50065 pcs<br/><a href="#">RFQ</a></p>             |
| <p><b>BD42530EFJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LIN POS ADJ 250MA 8HTSOP<br/>In stock: 291162 pcs<br/><a href="#">RFQ</a></p> | <p><b>BD4271FP2-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 4.9V 550MA TO263-7<br/>In stock: 51612 pcs<br/><a href="#">RFQ</a></p>   |
| <p><b>BD4155FV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC POWER SWITCH 20-SSOP<br/>In stock: 49364 pcs<br/><a href="#">RFQ</a></p>             | <p><b>BD42530FP2-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LIN POS ADJ 250MA TO263-5<br/>In stock: 104290 pcs<br/><a href="#">RFQ</a></p> |
| <p><b>BD4142HFV-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC RESET CMOS ADJ HVSOF5<br/>In stock: 421494 pcs<br/><a href="#">RFQ</a></p>          | <p><b>BD4140HFV-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC RESET PGOOD 1CH 5MA 5-HVSOF<br/>In stock: 204060 pcs<br/><a href="#">RFQ</a></p>     |
| <p><b>BD412</b><br/>Manufacturers: Klein Tools<br/>Description: SCREWDRIVER SLOTTED 3/8" 17.19"<br/>In stock: 3801 pcs<br/><a href="#">RFQ</a></p>                    | <p><b>BD4269EFJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LIN POS ADJ 300MA 8HTSOP<br/>In stock: 181365 pcs<br/><a href="#">RFQ</a></p>   |