



BD1LB500EFJ-CE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BD1LB500EFJ-CE2                                                                                              |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IN-VEHICLE 1CH LOW SIDE SWITCH,                                                                              |
|                     |  1.BD1LB500EFJ-CE2.pdf      |
|                     |  2.BD1LB500EFJ-CE2.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 85375 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

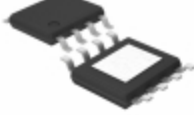
Specifications of BD1LB500EFJ-CE2

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BD1LB500EFJ-CE2                                                                                                                                                                                                        |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                                                                                                                                    |
| DESCRIPTION                      | IN-VEHICLE 1CH LOW SIDE SWITCH,                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 85375 pcs                                                                                                                                                                                                              |
| DATA SHEET                       |  1.BD1LB500EFJ-CE2.pdf<br> 2.BD1LB500EFJ-CE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                                                                                                          |
| VOLTAGE - LOAD                   | -                                                                                                                                                                                                                      |
| SWITCH TYPE                      | General Purpose                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-HTSOP-J                                                                                                                                                                                                              |
| SERIES                           | Automotive, AEC-Q100                                                                                                                                                                                                   |
| RDS ON (TYP)                     | 300 mOhm                                                                                                                                                                                                               |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                                                                                                                    |
| PACKAGING                        | Original-Reel®                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                                                                                                                              |
| OUTPUT TYPE                      | P-Channel                                                                                                                                                                                                              |
| OUTPUT CONFIGURATION             | Low Side                                                                                                                                                                                                               |
| OTHER NAMES                      | BD1LB500EFJ-CE2DKR                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                                                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| INTERFACE                        | -                                                                                                                                                                                                                      |
| INPUT TYPE                       | CMOS                                                                                                                                                                                                                   |
| FEATURES                         | -                                                                                                                                                                                                                      |
| FAULT PROTECTION                 | Over Current, Over Temperature, UVLO                                                                                                                                                                                   |
| CURRENT - OUTPUT (MAX)           | 1mA                                                                                                                                                                                                                    |

Related Tags

|                                     |                                    |                                         |
|-------------------------------------|------------------------------------|-----------------------------------------|
| LAPIS Semiconductor BD1LB500EFJ-CE2 | BD1LB500EFJ-CE2 Distributor        | BD1LB500EFJ-CE2 Supplier                |
| BD1LB500EFJ-CE2 Price               | BD1LB500EFJ-CE2 Pictures           | BD1LB500EFJ-CE2 Image                   |
| BD1LB500EFJ-CE2 PDF Datasheet       | BD1LB500EFJ-CE2 Download Datasheet | BD1LB500EFJ-CE2 Datasheet               |
| BD1LB500EFJ-CE2 Stock               | Buy BD1LB500EFJ-CE2                | Buy LAPIS Semiconductor BD1LB500EFJ-CE2 |
| LAPIS Semiconductor BD1LB500EFJ-CE2 | LAPIS Semiconductor Supplier       | LAPIS Semiconductor Distributor         |
| LAPIS Semiconductor BD1LB500EFJ-CE2 | Kionix Inc. BD1LB500EFJ-CE2        | Rohm Semiconductor BD1LB500EFJ-CE2      |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>BD1LB500FVM-CGTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IN-VEHICLE 1CH LOW SIDE SWITCH,<br/>In stock: 191429 pcs<br/><div>RFQ</div></div> |  <div><b>BD1HD500HFN-CTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 206149 pcs<br/><div>RFQ</div></div> |
|  <div><b>BD1C1C0WHFV-GTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 1.25V 1A 6HVSOF<br/>In stock: 161600 pcs<br/><div>RFQ</div></div>    |  <div><b>BD18KA5FP-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 1.8V 500MA TO252<br/>In stock: 272491 pcs<br/><div>RFQ</div></div>      |
|  <div><b>BD1HC500EFJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 204645 pcs<br/><div>RFQ</div></div> |  <div><b>BD1HC500FVM-CTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 191234 pcs<br/><div>RFQ</div></div> |
|  <div><b>BD1HD500FVM-CTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 184801 pcs<br/><div>RFQ</div></div> |  <div><b>BD18KA5WF-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 1.8V 500MA 8SOP<br/>In stock: 84955 pcs<br/><div>RFQ</div></div>        |
|  <div><b>BD1HC500HFN-CTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 78828 pcs<br/><div>RFQ</div></div>  |  <div><b>BD1HD500EFJ-CE2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 1CH HIGH-SIDE SWITCH, 4-18V, 500<br/>In stock: 216910 pcs<br/><div>RFQ</div></div> |
|  <div><b>BD18IC0WHFV-GTR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 1.8V 1A 6HVSOF<br/>In stock: 136865 pcs<br/><div>RFQ</div></div>     |  <div><b>BD18KA5WFP-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG LINEAR 1.8V 500MA TO252-5<br/>In stock: 273582 pcs<br/><div>RFQ</div></div>   |