

BD6513F-E2





Part Number: [BD6513F-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC SWITCH HIGH SIDE 2CH SOP-8

Data sheet:  [BD6512,3,6,7,BD2042,52](#)

RoHs Status: Lead free / RoHS Compliant

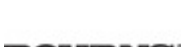
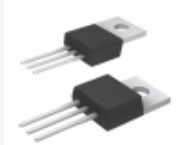
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                   |                                  |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | BD6513F-E2                                                        | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC SWITCH HIGH SIDE 2CH SOP-8                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 59412 pcs                                                         | Data sheet                       | <a href="#">BD6512,3,6,7,BD2042,52</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Supply (Vcc/Vdd)       | Not Required                           |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 V ~ 5.5 V                                                       | Switch Type                      | USB Switch                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8-SOP                                                             | Series                           | -                                      |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100 mOhm                                                          | Ratio - Input:Output             | 1:2                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                                                  | Package / Case                   | 8-SOIC (0.173", 4.40mm Width)          |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N-Channel                                                         | Output Configuration             | High Side                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                    | BD6513F-E2-ND<br>BD6513F-E2TR<br>BD6513FE2                        | Operating Temperature            | -25°C ~ 85°C (TA)                      |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                        | Interface                        | On/Off                                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Non-Inverting                                                     | Features                         | Status Flag                            |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                               | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO | Current - Output (Max)           | 500mA                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | BD651*                                                            |                                  |                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LAPIS Semiconductor series electronic components. We have 59412 pieces of LAPIS Semiconductor BD6513F-E2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                   |                                  |                                        |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                    |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">BD6538G-LBTR</a><br>Description: IC HIGH SIDE SWITCH 1CH 5SSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6519FJ-E2</a><br>Description: IC SWITCH HIGH SIDE 1CH SOP-J8  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6520F-E2</a><br>Description: IC PWR MANAGEMENT SWITCH SOP8 TR | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD645-S</a><br>Description: TRANS NPN DARL 60V 8A TO220         | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD649-S</a><br>Description: TRANS NPN DARL 100V 8A TO220        | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD647-S</a><br>Description: TRANS NPN DARL 80V 8A               | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD6524HFV-TR</a><br>Description: IC PWR MANAGEMENT SWITCH HVSO6 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD64550EFV-E2</a><br>Description: IC MOTOR DRIVER 40HTSSOP      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD646-S</a><br>Description: TRANS PNP DARL 60V 8A               | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD651-S</a><br>Description: TRANS NPN DARL 120V 8A TO220        | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD652-S</a><br>Description: TRANS PNP DARL 120V 8A TO220        | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD650-S</a><br>Description: TRANS PNP DARL 100V 8A TO220        | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD6517F-E2</a><br>Description: IC SWITCH HIGH SIDE 2CH SOP-8    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6529GUL-E2</a><br>Description: IC PWR MGMT SWITCH 6HVSOF      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6516F-E2</a><br>Description: IC SWITCH HIGH SIDE 2CH SOP-8    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6512F-E2</a><br>Description: IC SWITCH HIGH SIDE 2CH SOP-8    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6528HFV-TR</a><br>Description: IC PWR MANAGEMENT SWITCH HVSO6 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD648-S</a><br>Description: TRANS PNP DARL 80V 8A TO220         | Manufacturers: <a href="#">Bourns, Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">BD6510F-E2</a><br>Description: IC USB HIGH-SIDE SWITCH SOP8 TR  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD6522F-E2</a><br>Description: IC PWR MANAGEMENT SWITCH SOP8 TR | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |

| Related keywords for BD6513F-E2 |                        |                               |                  |
|---------------------------------|------------------------|-------------------------------|------------------|
| LAPIS Semiconductor BD6513F-E2  | BD6513F-E2 distributor | BD6513F-E2 supplier           | BD6513F-E2 price |
| BD6513F-E2 download datasheet   | BD6513F-E2 datasheet   | BD6513F-E2 stock              | buy BD6513F-E2   |
| LAPIS Semiconductor BD6513F-E2  | Kionix Inc. BD6513F-E2 | Rohm Semiconductor BD6513F-E2 |                  |