

BD9778F-E2





Part Number: [BD9778F-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG BUCK ADJ 2A SOP8

Data sheet:  [BD9778F/HFP, BD9001F, BD9781HFP](#)  
 [SOP8 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

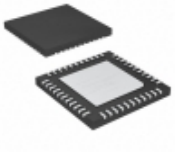
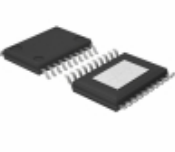
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                                                                              |                                  |                                                                                     |
|---------------------------------|----------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                     | BD9778F-E2                                                                                   | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                                 |
| Description                     | IC REG BUCK ADJ 2A SOP8                                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available              | 41839 pcs                                                                                    | Data sheet                       | <a href="#">BD9778F/HFP, BD9001F, BD9781HFP</a><br><a href="#">SOP8 Taping Spec</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                                                    | Voltage - Output (Min/Fixed)     | 1V                                                                                  |
| Voltage - Output (Max)          | 35V                                                                                          | Voltage - Input (Min)            | 7V                                                                                  |
| Voltage - Input (Max)           | 35V                                                                                          | Topology                         | Buck                                                                                |
| Synchronous Rectifier           | No                                                                                           | Supplier Device Package          | 8-SOP                                                                               |
| Series                          | -                                                                                            | Packaging                        | Tape & Reel (TR)                                                                    |
| Package / Case                  | 8-SOIC (0.173", 4.40mm Width)                                                                | Output Type                      | Adjustable                                                                          |
| Output Configuration            | Positive                                                                                     | Other Names                      | BD9778F-E2TR<br>BD9778FE2                                                           |
| Operating Temperature           | -40°C ~ 125°C (TA)                                                                           | Number of Outputs                | 1                                                                                   |
| Mounting Type                   | Surface Mount                                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                       |
| Manufacturer Standard Lead Time | 11 Weeks                                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Function                        | Step-Down                                                                                    | Frequency - Switching            | 50kHz ~ 500kHz                                                                      |
| Detailed Description            | Buck Switching Regulator IC Positive Adjustable 1V 1 Output 2A 8-SOIC (0.173", 4.40mm Width) | Current - Output                 | 2A                                                                                  |
| Base Part Number                | BD9778                                                                                       |                                  |                                                                                     |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                      |                                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">BD9781HFP-TR</a><br>Description: IC REG BUCK ADJ 4A HRP7          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9848FV-E2</a><br>Description: IC REG CTRLR BUCK 20SSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9757MWV-E2</a><br>Description: IC REG SW 8CH W/FET 40UQFN       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9745EKN-E2</a><br>Description: IC SWITCH REG 7CH W/FET HQFN48U  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9842FV-E2</a><br>Description: IC REG CTRLR BUCK 20SSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9845FV-E2</a><br>Description: IC REG CTRLR BUCK 14-SSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9850FVM-TR</a><br>Description: IC REG CTRLR BUCK 8MSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9766FV-E2</a><br>Description: IC INVERTER CONTROL 2CH SSOP28    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9778HFP-TR</a><br>Description: IC REG BUCK ADJ 2A HRP7          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9775FV-E2</a><br>Description: IC REG CTRLR BUCK 28SSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9833KV-E2</a><br>Description: IC REG 9OUTS BUCK/LDO 48-VQFP     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9763FVM-TR</a><br>Description: IC REG CTRLR BOOST 8MSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9853AFV-E2</a><br>Description: IC REG CTRLR BUCK 16SSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9750BFV-E2</a><br>Description: IC REG SYNC SWITCHING            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9846FV-E2</a><br>Description: IC REG CTRLR BUCK 20SSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9851EFV-E2</a><br>Description: IC REG CTRLR BUCK/BST 20HTSSOP-B | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9774HFP-TR</a><br>Description: IC INVERTER CONTROL 2CH SSOP-B20 | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9749MWV-E2</a><br>Description: IC REG SW CTRLR 7CH 48-UQFN      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9753FV-FE2</a><br>Description: IC REG SYNC SWITCHING            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">BD9751FV-E2</a><br>Description: IC REG SYNC 2CH DC/DC 28SSOP      | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <div>RFQ</div> |

|                                        |                        |                               |                  |
|----------------------------------------|------------------------|-------------------------------|------------------|
| Related keywords for <b>BD9778F-E2</b> |                        |                               |                  |
| LAPIS Semiconductor BD9778F-E2         | BD9778F-E2 distributor | BD9778F-E2 supplier           | BD9778F-E2 price |
| BD9778F-E2 download datasheet          | BD9778F-E2 datasheet   | BD9778F-E2 stock              | buy BD9778F-E2   |
| LAPIS Semiconductor BD9778F-E2         | Kionix Inc. BD9778F-E2 | Rohm Semiconductor BD9778F-E2 |                  |