

BD9040FV-E2



  
LAPIS Semiconductor

**Part Number:** [BD9040FV-E2](#)

**Manufacturer:** [LAPIS Semiconductor](#)

**Description:** IC REG CTRLR BUCK 20SSOP

**Data sheet:**  [BD9040FV/45FV](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

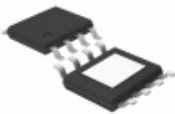
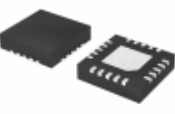
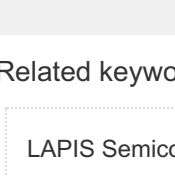
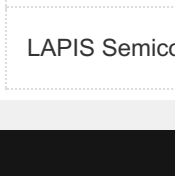
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER              |                                                                        |                                  |                                       |
|--------------------------------|------------------------------------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                    | BD9040FV-E2                                                            | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>   |
| Description                    | IC REG CTRLR BUCK 20SSOP                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available             | 56594 pcs                                                              | Data sheet                       | <a href="#">BD9040FV/45FV</a>         |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 18 V                          |
| Topology                       | Buck                                                                   | Synchronous Rectifier            | Yes                                   |
| Supplier Device Package        | 20-SSOP-B                                                              | Series                           | -                                     |
| Serial Interfaces              | -                                                                      | Packaging                        | Tape & Reel (TR)                      |
| Package / Case                 | 20-LSSOP (0.173", 4.40mm Width)                                        | Output Type                      | Transistor Driver                     |
| Output Phases                  | 1                                                                      | Output Configuration             | Positive                              |
| Other Names                    | BD9040FV-E2TR                                                          | Operating Temperature            | -40°C ~ 85°C (TA)                     |
| Number of Outputs              | 1                                                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                         |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                             | Function                         | Step-Down                             |
| Frequency - Switching          | 200kHz ~ 750kHz                                                        | Duty Cycle (Max)                 | -                                     |
| Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-SSOP-B | Control Features                 | Enable, Frequency Control, Soft Start |
| Clock Sync                     | No                                                                     | Base Part Number                 | BD9040                                |

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|
|  | Part#: <a href="#">BD90532EFJ-CE2</a><br>Description: IC REG BUCK 1.2V 3A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90541MUV-CE2</a><br>Description: IC REG BUCK ADJ 4A SYNC 20QFN    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90538EFJ-CE2</a><br>Description: IC REG BUCK 1.8V 3A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9013KV-E2</a><br>Description: IC REG CTRLR BUCK 48VQFP            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90525EFJ-CE2</a><br>Description: IC REG BUCK 1.5V 2A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9011KV-E2</a><br>Description: IC REG CTRLR BUCK 48VQFP            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90522EFJ-CE2</a><br>Description: IC REG BUCK 1.2V 2A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9016KV-ME2</a><br>Description: IC REG CTRLR BUCK 48VQFP           | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9045FV-E2</a><br>Description: IC REG CTRLR BUCK 28SSOP            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90521MUV-CE2</a><br>Description: IC REG BUCK ADJ 2A SYNC 20QFN    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9031FV-CE2</a><br>Description: IC REG CTRLR BOOST 16SSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9015KV-ME2</a><br>Description: IC REG CTRLR BUCK 48VQFP           | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD901-S</a><br>Description: TRANS NPN DARL 100V 8A                  | Manufacturers: <a href="#">Bourns, Inc.</a>        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9012KV-E2</a><br>Description: IC REG CTRLR BUCK 48VQFP            | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90535EFJ-CE2</a><br>Description: IC REG BUCK 1.5V 3A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90521EFV-CE2</a><br>Description: IC REG BUCK ADJ 2A SYNC 20HTSSOP | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9035AEFV-CE2</a><br>Description: AUTOMATICALLY CONTROLLED BUCK-BO | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD90528EFJ-CE2</a><br>Description: IC REG BUCK 1.8V 2A SYNC 8HTSOP  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD902-S</a><br>Description: TRANS PNP DARL 100V 8A                  | Manufacturers: <a href="#">Bourns, Inc.</a>        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD9011EKN-E2</a><br>Description: IC REG CTRLR BUCK 36HQFN           | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for BD9040FV-E2 |                         |                                |                   |
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| BD9040FV-E2 download datasheet   | BD9040FV-E2 datasheet   | BD9040FV-E2 stock              | buy BD9040FV-E2   |
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