



LAPIS Semiconductor

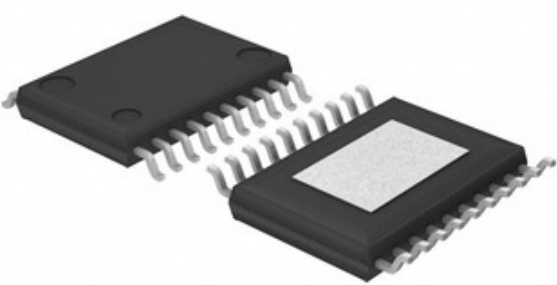


Image may be representation. See specifications for product details.

BD8641EFV-E2

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | BD8641EFV-E2                                                                                                       |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                                |
| Product description | IC REG BUCK ADJ 3A SYNC 20HTSSOP                                                                                   |
| Datasheets:         |  <a href="#">BD8641EFV-E2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

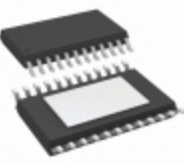
Specifications of BD8641EFV-E2

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BD8641EFV-E2                                                                                                         |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                                  |
| DESCRIPTION                      | IC REG BUCK ADJ 3A SYNC 20HTSSOP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">BD8641EFV-E2.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                 |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                                 |
| VOLTAGE - INPUT (MIN)            | 3V                                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                                 |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 20-HTSSOP-B                                                                                                          |
| SERIES                           | -                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                   | 20-VSSOP (0.173", 4.40mm Width) Exposed Pad                                                                          |
| OUTPUT TYPE                      | Adjustable                                                                                                           |
| OUTPUT CONFIGURATION             | Positive                                                                                                             |
| OTHER NAMES                      | BD8641EFVE2                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| FUNCTION                         | Step-Down                                                                                                            |
| FREQUENCY - SWITCHING            | 250kHz ~ 2.3MHz                                                                                                      |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 20-VSSOP (0.173", 4.40mm Width) Exposed Pad         |
| CURRENT - OUTPUT                 | 3A                                                                                                                   |
| BASE PART NUMBER                 | BD8641                                                                                                               |

Related Tags

|                                  |                                 |                                      |
|----------------------------------|---------------------------------|--------------------------------------|
| LAPIS Semiconductor BD8641EFV-E2 | BD8641EFV-E2 Distributor        | BD8641EFV-E2 Supplier                |
| BD8641EFV-E2 Price               | BD8641EFV-E2 Pictures           | BD8641EFV-E2 Image                   |
| BD8641EFV-E2 PDF Datasheet       | BD8641EFV-E2 Download Datasheet | BD8641EFV-E2 Datasheet               |
| BD8641EFV-E2 Stock               | Buy BD8641EFV-E2                | Buy LAPIS Semiconductor BD8641EFV-E2 |
| LAPIS Semiconductor BD8641EFV-E2 | LAPIS Semiconductor Supplier    | LAPIS Semiconductor Distributor      |
| LAPIS Semiconductor BD8641EFV-E2 | Kionix Inc. BD8641EFV-E2        | Rohm Semiconductor BD8641EFV-E2      |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>BD8664GW-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC BATT CHG LI-ION UCSP75M2<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>BD8627EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK ADJ 3A SYNC 20HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>BD8668GW-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC BATT CHG LI-ION UCSP75M2<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>BD8621EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC PWR SUPP 3A W/FET HTSSOP-B20<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>BD8643FV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK ADJ 3A SYNC 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>BD87A28FVM-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC RESET WATCHDOG TIMER 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>BD8628EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 5V 3A SYNC 24-HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>BD8622EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC PWR SUPP 3A W/FET HTSSOP-B20<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>BD8665GW-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC BATT CHG LI-ION UCSP75M2<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>BD8629FS-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC PWR SUPP 2A W/FET SSOP-A16<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>BD8649EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BCK ADJ 3A SYNC HTSSOPB20<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>BD8624EFV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 5V 3A SYNC 24-HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |