



LAPIS Semiconductor



BU90054GWZ-E2

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | BU90054GWZ-E2                                                                                                                                                                                                  |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                                                                                                                            |
| Product description | IC REG BUCK 1.8V 1A SYNC 30UCSP                                                                                                                                                                                |
| Datasheets:         |  1.BU90054GWZ-E2.pdf<br> 2.BU90054GWZ-E2.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                   |
| Stock Condition     | 81789 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

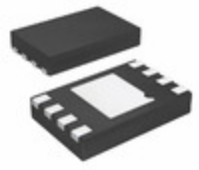
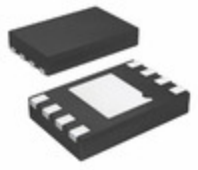
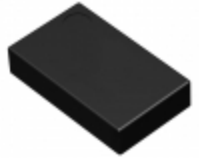
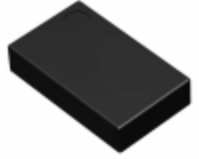
Specifications of BU90054GWZ-E2

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BU90054GWZ-E2                                                                                                                                                                                                      |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                                                                                                                                |
| DESCRIPTION                      | IC REG BUCK 1.8V 1A SYNC 30UCSP                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 81789 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.BU90054GWZ-E2.pdf<br> 2.BU90054GWZ-E2.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                  |
| VOLTAGE - INPUT (MIN)            | 2.3V                                                                                                                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                                                                                                                               |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | UCSP30L1                                                                                                                                                                                                           |
| SERIES                           | -                                                                                                                                                                                                                  |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 6-XFBGA, CSPBGA                                                                                                                                                                                                    |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                           |
| OTHER NAMES                      | BU90054GWZ-E2CT                                                                                                                                                                                                    |
| 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            | 4.8MHz ~ 6MHz                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 1A 6-XFBGA, CSPBGA                                                                                                                                        |
| CURRENT - OUTPUT                 | 1A                                                                                                                                                                                                                 |

Related Tags

|                                   |                                  |                                       |
|-----------------------------------|----------------------------------|---------------------------------------|
| LAPIS Semiconductor BU90054GWZ-E2 | BU90054GWZ-E2 Distributor        | BU90054GWZ-E2 Supplier                |
| BU90054GWZ-E2 Price               | BU90054GWZ-E2 Pictures           | BU90054GWZ-E2 Image                   |
| BU90054GWZ-E2 PDF Datasheet       | BU90054GWZ-E2 Download Datasheet | BU90054GWZ-E2 Datasheet               |
| BU90054GWZ-E2 Stock               | Buy BU90054GWZ-E2                | Buy LAPIS Semiconductor BU90054GWZ-E2 |
| LAPIS Semiconductor BU90054GWZ-E2 | LAPIS Semiconductor Supplier     | LAPIS Semiconductor Distributor       |
| LAPIS Semiconductor BU90054GWZ-E2 | Kionix Inc. BU90054GWZ-E2        | Rohm Semiconductor BU90054GWZ-E2      |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                               |
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| <div><div><b>BU90LV047A-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC DRIVER 4BIT LVDS SSOP-B16<br/>In stock: 63637 pcs</div><div>RFQ</div></div>    | <div><div><b>BU9006GUZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BCK ADJ 0.75A SYNC 9WLCSP<br/>In stock: 52457 pcs</div><div>RFQ</div></div>   |
| <div><div><b>BU90028NUX-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 1.175V 1.5A 8VSON<br/>In stock: 99642 pcs</div><div>RFQ</div></div>   | <div><div><b>BU90023NUX-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BCK 1.23V 1.5A SYNC 8VSON<br/>In stock: 338841 pcs</div><div>RFQ</div></div> |
| <div><div><b>BU90104GWZ-E2</b><br/>Manufacturers: Rohm Semiconductor<br/>Description: IC REG BUCK 1.8V 1A SYNC 35UCSP<br/>In stock: 331524 pcs</div><div>RFQ</div></div> | <div><div><b>BU90LV048-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC RECIEVIER LVDS SSOP-B16<br/>In stock: 59544 pcs</div><div>RFQ</div></div>         |
| <div><div><b>BU90008GWZ-E2</b><br/>Manufacturers: Rohm Semiconductor<br/>Description: IC REG BUCK 1V 1A SYNC 35UCSP<br/>In stock: 340969 pcs</div><div>RFQ</div></div>   | <div><div><b>BU90007GWZ-E2EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90007GWZ<br/>In stock: 2463 pcs</div><div>RFQ</div></div>   |
| <div><div><b>BU90030G-TR</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC LED DRIVER RGLTR 80MA 6SSOP<br/>In stock: 68421 pcs</div><div>RFQ</div></div>    | <div><div><b>BU90009GWZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG STEP DOWN SYNC 1A 35UCSP<br/>In stock: 476495 pcs</div><div>RFQ</div></div>  |
| <div><div><b>BU90LV049A-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC TRANSCEIVER 4BIT LVDS SSOP16<br/>In stock: 57156 pcs</div><div>RFQ</div></div> | <div><div><b>BU900TP</b><br/>Manufacturers: STMicroelectronics<br/>Description: TRANS NPN TRIL 370V 5A SOT-82<br/>In stock: 288141 pcs</div><div>RFQ</div></div>           |