



LAPIS Semiconductor

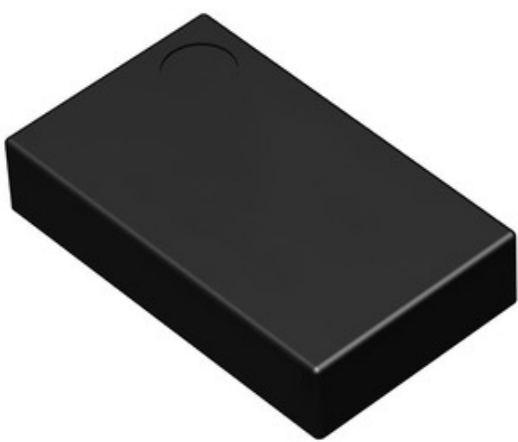


Image may be representation. See specifications for product details.

BU90005GWZ-E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BU90005GWZ-E2                                                                                                |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IC REG BUCK 2.5V 1A SYNC 6WLCSP                                                                              |
|                     |  1.BU90005GWZ-E2.pdf        |
|                     |  2.BU90005GWZ-E2.pdf        |
|                     |  3.BU90005GWZ-E2.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 173700 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

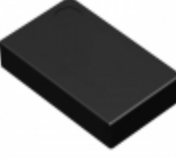
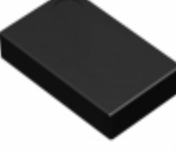
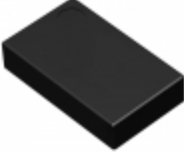
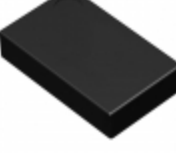
Specifications of BU90005GWZ-E2

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BU90005GWZ-E2                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC REG BUCK 2.5V 1A SYNC 6WLCSP                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 173700 pcs                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.BU90005GWZ-E2.pdf<br> 2.BU90005GWZ-E2.pdf<br> 3.BU90005GWZ-E2.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                             |
| VOLTAGE - INPUT (MIN)            | 2.3V                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                                                                                                                                          |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                                                                                          |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 6-WLCSP                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 6-XFBGA, WLCSP                                                                                                                                                                                                                                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | BU90005GWZ-E2TR<br>BU90005GWZE2                                                                                                                                                                                                                                                                                               |
| 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            | 6MHz                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 2.5V 1 Output 1A 6-XFBGA, WLCSP                                                                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 1A                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | BU9000*                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                   |                                  |                                       |
|-----------------------------------|----------------------------------|---------------------------------------|
| LAPIS Semiconductor BU90005GWZ-E2 | BU90005GWZ-E2 Distributor        | BU90005GWZ-E2 Supplier                |
| BU90005GWZ-E2 Price               | BU90005GWZ-E2 Pictures           | BU90005GWZ-E2 Image                   |
| BU90005GWZ-E2 PDF Datasheet       | BU90005GWZ-E2 Download Datasheet | BU90005GWZ-E2 Datasheet               |
| BU90005GWZ-E2 Stock               | Buy BU90005GWZ-E2                | Buy LAPIS Semiconductor BU90005GWZ-E2 |
| LAPIS Semiconductor BU90005GWZ-E2 | LAPIS Semiconductor Supplier     | LAPIS Semiconductor Distributor       |
| LAPIS Semiconductor BU90005GWZ-E2 | Kionix Inc. BU90005GWZ-E2        | Rohm Semiconductor BU90005GWZ-E2      |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>BU90004GWZ-E2-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90004GWZ-E2<br/>In stock: 2598 pcs<br/><div>RFQ</div></div> |  <div><b>BU90002GWZ-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL BU90002GWZ REG<br/>In stock: 2909 pcs<br/><div>RFQ</div></div>       |
|  <div><b>BU90004GWZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 1.8V 1A SYNC 6WLCSP<br/>In stock: 170373 pcs<br/><div>RFQ</div></div>    |  <div><b>BU90005GWZ-E2-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90005GWZ-E2<br/>In stock: 3390 pcs<br/><div>RFQ</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<br/><div>RFQ</div></div>       |  <div><b>BU90003GWZ-E2-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90003GWZ-E2<br/>In stock: 2769 pcs<br/><div>RFQ</div></div> |
|  <div><b>BU90002GWZ-E2-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: EVAL BOARD FOR BU90002<br/>In stock: 3433 pcs<br/><div>RFQ</div></div>       |  <div><b>BU90006GWZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 3V 1A SYNC 6WLCSP<br/>In stock: 112287 pcs<br/><div>RFQ</div></div>      |
|  <div><b>BU90007GWZ-E2EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90007GWZ<br/>In stock: 2463 pcs<br/><div>RFQ</div></div>     |  <div><b>BU90007GWZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 1.25V 1A SYNC 6UCSP<br/>In stock: 212462 pcs<br/><div>RFQ</div></div>    |
|  <div><b>BU90003GWZ-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC REG BUCK 1.2V 1A SYNC 6WLCSP<br/>In stock: 138776 pcs<br/><div>RFQ</div></div>    |  <div><b>BU90006GWZ-E2-EVK-101</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD EVAL FOR BU90006GWZ-E2<br/>In stock: 2814 pcs<br/><div>RFQ</div></div> |