



LAPIS Semiconductor



Image may be representation. See specifications for product details.

BU16501KS2-E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BU16501KS2-E2                                                                                                |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IC LED DRIVER SQFP                                                                                           |
| Datasheets:         |  BU16501KS2-E2.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4375 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

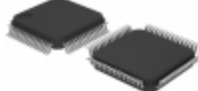
Specifications of BU16501KS2-E2

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BU16501KS2-E2                                                                                         |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                   |
| DESCRIPTION                      | IC LED DRIVER SQFP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 4375 pcs                                                                                              |
| DATA SHEET                       |  BU16501KS2-E2.pdf |
| VOLTAGE - SUPPLY (MIN)           | 2.7V                                                                                                  |
| VOLTAGE - SUPPLY (MAX)           | 5.5V                                                                                                  |
| VOLTAGE - OUTPUT                 | 5.5 V                                                                                                 |
| TYPE                             | Linear                                                                                                |
| TOPOLOGY                         | -                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 52-SQFP-T (10x10)                                                                                     |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 52-LQFP                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF OUTPUTS                | 16                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INTERNAL SWITCH(S)               | Yes                                                                                                   |
| FREQUENCY                        | 1.2MHz                                                                                                |
| DIMMING                          | I²C, SPI                                                                                              |
| DETAILED DESCRIPTION             | LED Driver IC 16 Output Linear I²C, SPI Dimming 680mA 52-SQFP-T (10x10)                               |
| CURRENT - OUTPUT / CHANNEL       | 680mA                                                                                                 |
| APPLICATIONS                     | Backlight, Signage                                                                                    |

Related Tags

|                                   |                                  |                                       |
|-----------------------------------|----------------------------------|---------------------------------------|
| LAPIS Semiconductor BU16501KS2-E2 | BU16501KS2-E2 Distributor        | BU16501KS2-E2 Supplier                |
| BU16501KS2-E2 Price               | BU16501KS2-E2 Pictures           | BU16501KS2-E2 Image                   |
| BU16501KS2-E2 PDF Datasheet       | BU16501KS2-E2 Download Datasheet | BU16501KS2-E2 Datasheet               |
| BU16501KS2-E2 Stock               | Buy BU16501KS2-E2                | Buy LAPIS Semiconductor BU16501KS2-E2 |
| LAPIS Semiconductor BU16501KS2-E2 | LAPIS Semiconductor Supplier     | LAPIS Semiconductor Distributor       |
| LAPIS Semiconductor BU16501KS2-E2 | Kionix Inc. BU16501KS2-E2        | Rohm Semiconductor BU16501KS2-E2      |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>BU16027KV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC HDMI SWITCH 2.25GBPS 64VQFP<br/>In stock: 33215 pcs</div><div>RFQ</div></div>                | <div><div><b>BU16024KV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC SWITCH HDMI VQFP48<br/>In stock: 44578 pcs</div><div>RFQ</div></div>                |
| <div><div><b>BU1632SM-JJ-GTR</b><br/>Manufacturers: MPD (Memory Protection Devices)<br/>Description: HOLDER COIN CELL 1632 GOLD SMD<br/>In stock: 76328 pcs</div><div>RFQ</div></div> | <div><div><b>BU17101AKV-ME2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 24BIT CLOCKLESS LINK™ TRAN<br/>In stock: 15906 pcs</div><div>RFQ</div></div>         |
| <div><div><b>BU16018KV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC HDMI/DVI SWITCH GPIO 80VQFP<br/>In stock: 29295 pcs</div><div>RFQ</div></div>                | <div><div><b>BU1850MUV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC I/O EXPANDER IAC 8B 16VQFN<br/>In stock: 182990 pcs</div><div>RFQ</div></div>       |
| <div><div><b>BU1632-JJ-1-G</b><br/>Manufacturers: MPD (Memory Protection Devices)<br/>Description: CR1632 COIN CELL HOLDER THRU-HOL<br/>In stock: 74735 pcs</div><div>RFQ</div></div> | <div><div><b>BU17102AKV-ME2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: 24BIT CLOCKLESS LINK™ RECE<br/>In stock: 17868 pcs</div><div>RFQ</div></div>         |
| <div><div><b>BU160Z-178-HT</b><br/>Manufacturers: On-Shore Technology, Inc.<br/>Description: CONN IC DIP SOCKET 16POS GOLD<br/>In stock: 43818 pcs</div><div>RFQ</div></div>          | <div><div><b>BU1851GUW-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC GPIO KEY ENCODER 8X8 35-VBGA<br/>In stock: 85422 pcs</div><div>RFQ</div></div>      |
| <div><div><b>BU1840AMUV-E2</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC BATT CHARGE MGMT 24VQFN<br/>In stock: 19826 pcs</div><div>RFQ</div></div>                   | <div><div><b>BU180Z-178-HT</b><br/>Manufacturers: On-Shore Technology, Inc.<br/>Description: CONN IC DIP SOCKET 18POS GOLD<br/>In stock: 42354 pcs</div><div>RFQ</div></div> |