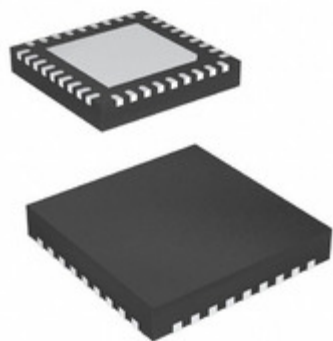


BD63005AMUV-E2





Part Number: [BD63005AMUV-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: 3 -PHASE BRUSHLESS MOTOR DRIVER

Data sheet:  [VQFN040V6060 Taping Spec](#)  
 [BD63005AMUV](#)

RoHs Status: Lead free / RoHS Compliant

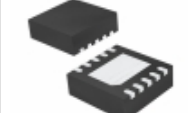
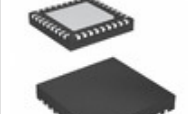
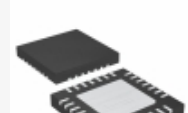
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy BD63005AMUV-E2 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |                                  |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BD63005AMUV-E2                                | Manufacturer                     | <a href="#">LAPIS Semiconductor</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 -PHASE BRUSHLESS MOTOR DRIVER               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 60710 pcs                                     | Data sheet                       | <a href="#">VQFN040V6060 Taping Spec</a><br><a href="#">BD63005AMUV</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply                 | 10 V ~ 28 V                                                             |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10 V ~ 28 V                                   | Technology                       | Power MOSFET                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                            | VQFN040-V6060                                 | Step Resolution                  | -                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                             | Packaging                        | Tape & Reel (TR)                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40-VQFN Exposed Pad                           | Output Configuration             | Pre-Driver - Half Bridge (3)                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BD63005AMUV-E2TR                              | Operating Temperature            | -25°C ~ 85°C (TA)                                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                                 | Motor Type - Stepper             | -                                                                       |
| Motor Type - AC, DC                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brushless DC (BLDC)                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17 Weeks                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Logic                                         | Function                         | Driver                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | Motor Driver Power MOSFET Logic VQFN040-V6060 | Current - Output                 | 2A                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                               |                                  |                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LAPIS Semiconductor series electronic components. We have 60710 pieces of LAPIS Semiconductor BD63005AMUV-E2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                               |                                  |                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                    |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|
|  | Part#: <a href="#">BD6236FP-E2</a><br>Description: IC MOTOR DRIVER PAR 25-HSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6236FM-E2</a><br>Description: IC MOTOR DRIVER PAR 28-HSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6326NUX-E2</a><br>Description: THREE-PHASE FULL-WAVE FAN MOTOR    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6232FP-E2</a><br>Description: IC MOTOR DRIVER PAR 25HSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63005MUV-E2</a><br>Description: IC MOTOR DVR 3-PH 40VQFN          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6232HFP-TR</a><br>Description: IC MOTOR DRIVER PAR HRP7           | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63510EFV-E2</a><br>Description: IC MOTOR DVR 36V 28HTSSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63002MUV-E2</a><br>Description: 3-PHASE BRUSHLESS MOTOR PRE-DRIV  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63520AEFV-E2</a><br>Description: MICRO STEP 36V STEPPING MOTOR DR | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6345FV-E2</a><br>Description: IC COMMUTATION DVR 12V 20SSOP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6290EFV-E2</a><br>Description: IC MOTOR DRIVER PAR 24HTSSOP       | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6237FM-E2</a><br>Description: IC MOTOR DRIVER PAR 28HSOP          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63520EFV-E2</a><br>Description: IC MOTOR DVR 36V 28HTSSOP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63006MUV-E2</a><br>Description: 3-PHASE BRUSHLESS MOTOR DRIVER    | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63441AFU-E2</a><br>Description: MULTIFUNCTION THREE-PHASE FULL-W  | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63001AMUV-E2</a><br>Description: THREE -PHASE BRUSHLESS M OTOR PR | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6232FP-EVAL-N</a><br>Description: BOARD EVAL FOR BD6232FP         | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD6346FV-E2</a><br>Description: THREE-PHASE FULL-WAVE FAN MOTOR     | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD62321HFP-TR</a><br>Description: IC MOTOR DRIVER PAR HRP7          | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BD63035EFV-ME2</a><br>Description: AUTOMOTIVE THREE PHASE BRUSHLESS | Manufacturers: <a href="#">LAPIS Semiconductor</a> | <a href="#">RFQ</a> |

|                                            |                            |                                   |                      |
|--------------------------------------------|----------------------------|-----------------------------------|----------------------|
| Related keywords for <b>BD63005AMUV-E2</b> |                            |                                   |                      |
| LAPIS Semiconductor BD63005AMUV-E2         | BD63005AMUV-E2 distributor | BD63005AMUV-E2 supplier           | BD63005AMUV-E2 price |
| BD63005AMUV-E2 download datasheet          | BD63005AMUV-E2 datasheet   | BD63005AMUV-E2 stock              | buy BD63005AMUV-E2   |
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