

LM5039SQ/NOPB



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Part Number: [LM5039SQ/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG CTRLR HALF-BRIDGE 24WQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM5039SQ/NOPB                             | Manufacturer                     | N/A                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG CTRLR HALF-BRIDGE 24WQFN           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 40916 pcs                                 | Data sheet                       |                                                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 13 V ~ 105 V                                                                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                  | Half-Bridge                               | Synchronous Rectifier            | Yes                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                   | 24-WQFN (4x5)                             | Series                           | -                                                                                                            |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Packaging                        | Original-Reel®                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                            | 24-WFQFN Exposed Pad                      | Output Type                      | Transistor Driver                                                                                            |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                             | 1                                         | Output Configuration             | Positive, Isolation Capable                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                               | 296-40228-6                               | Operating Temperature            | -40°C ~ 125°C (TJ)                                                                                           |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                           | 27 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                  | Step-Up/Step-Down                         | Frequency - Switching            | 200kHz, 500kHz                                                                                               |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description             | Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 24-WQFN (4x5) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                          | Frequency Control, Ramp, Soft Start       | Clock Sync                       | Yes                                                                                                          |
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|  | Part#: <a href="#">LM5039SQX/NOPB</a><br>Description: <a href="#">IC REG CTRLR HALF-BRIDGE 24WQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM5041ASD</a><br>Description: <a href="#">IC REG CTRLR MULT TOP 16WSO</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5039MHX/NOPB</a><br>Description: <a href="#">IC REG CTRLR HALF-BRIDGE 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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