

LM2597HVM-5.0/NOPB



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**Part Number:** [LM2597HVM-5.0/NOPB](#)

**Manufacturer:** N/A

**Description:** IC REG BUCK 5V 0.5A 8-SOIC

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

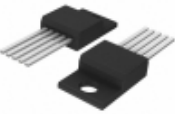
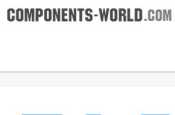
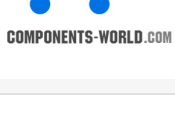
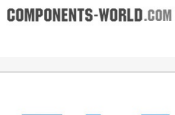
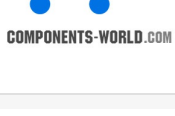
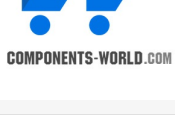
**Ship From:** Hong Kong

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

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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                            |                                  |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | LM2597HVM-5.0/NOPB                                                                         | Manufacturer                     | N/A                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG BUCK 5V 0.5A 8-SOIC                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 33075 pcs                                                                                  | Data sheet                       |                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                  | Voltage - Output (Min/Fixed)     | 5V                                     |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                          | Voltage - Input (Min)            | 4.5V                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                          | 60V                                                                                        | Topology                         | Buck                                   |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                          | No                                                                                         | Supplier Device Package          | 8-SOIC                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | SIMPLE SWITCHER®                                                                           | Packaging                        | Tube                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-SOIC (0.154", 3.90mm Width)                                                              | Output Type                      | Fixed                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                                   | Other Names                      | *LM2597HVM-5.0/NOPB<br>LM2597HVM50NOPB |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C (TJ)                                                                         | Number of Outputs                | 1                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                                                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 8 Weeks                                                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant             |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                       | Step-Down                                                                                  | Frequency - Switching            | 150kHz                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | Buck Switching Regulator IC Positive Fixed 5V 1 Output 500mA 8-SOIC (0.154", 3.90mm Width) | Current - Output                 | 500mA                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM2597                                                                                     |                                  |                                        |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                     |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LM2597HVMX-5.0</a><br>Description: IC REG BUCK 5V 0.5A 8-SOIC        | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596TADJG</a><br>Description: IC REG MULT CONFIG INV ADJ TO220     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-ADJ</a><br>Description: IC REG BUCK ADJ 0.5A 8-SOIC        | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-5.0/NOPB</a><br>Description: IC REG BUCK 5V 0.5A 8-SOIC   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-12/NOPB</a><br>Description: IC REG BUCK 12V 0.5A 8-SOIC   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-ADJ/NOPB</a><br>Description: IC REG BUCK ADJ 0.5A 8-SOIC   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-3.3/NOPB</a><br>Description: IC REG BUCK 3.3V 0.5A 8-SOIC | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-ADJ/NOPB</a><br>Description: IC REG BUCK ADJ 0.5A 8-SOIC  | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/LF02</a><br>Description: IC REG BUCK ADJ 3A TO220-5      | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-3.3</a><br>Description: IC REG BUCK 3.3V 0.5A 8-SOIC       | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-3.3/NOPB</a><br>Description: IC REG BUCK 3.3V 0.5A 8-SOIC  | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-ADJ</a><br>Description: IC REG BUCK ADJ 0.5A 8-SOIC       | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-5.0</a><br>Description: IC REG BUCK 5V 0.5A 8-SOIC         | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-12</a><br>Description: IC REG BUCK 12V 0.5A 8-SOIC         | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596TVADJG</a><br>Description: IC REG MULT CONFIG INV ADJ TO220    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/LB05</a><br>Description: IC REG BUCK ADJ 3A TO220-5      | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-12</a><br>Description: IC REG BUCK 12V 0.5A 8-SOIC        | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-12/NOPB</a><br>Description: IC REG BUCK 12V 0.5A 8-SOIC    | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/NOPB</a><br>Description: IC REG BUCK ADJ 3A TO220-5      | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVMX-3.3</a><br>Description: IC REG BUCK 3.3V 0.5A 8-SOIC      | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |

Related keywords for **LM2597HVM-5.0/NOPB**

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