

LM2590HVS-5.0/NOPB



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Part Number: [LM2590HVS-5.0/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG BUCK 5V 1A TO263-7](#)

Data sheet:

RoHs Status: [Contains lead / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                     |                                  |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | LM2590HVS-5.0/NOPB                                                                                  | Manufacturer                     | N/A                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG BUCK 5V 1A TO263-7                                                                           | Lead Free Status / RoHS Status   | Contains lead / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 26502 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          | DDPAK/TO-263-7                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | SIMPLE SWITCHER®                                                                                    | Packaging                        | Tube                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | TO-263-8, D²Pak (7 Leads + Tab), TO-263CA                                                           | Output Type                      | Fixed                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                                            | Other Names                      | *LM2590HVS-5.0/NOPB<br>LM2590HVS50NOPB |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C (TJ)                                                                                  | Number of Outputs                | 1                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                                                                       | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 12 Weeks                                                                                            | Lead Free Status / RoHS Status   | Contains lead / RoHS Compliant         |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                       | Step-Down                                                                                           | Frequency - Switching            | 150kHz                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | Buck Switching Regulator IC Positive Fixed 5V 1 Output 1A TO-263-8, D²Pak (7 Leads + Tab), TO-263CA | Current - Output                 | 1A                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM2590                                                                                              |                                  |                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                                   |                |
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|  | Part#: <a href="#">LM2590HVS-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 1A TO263-7</a>        | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LM2590HVS-3.3/NOPB</a><br>Description: <a href="#">IC REG BUCK 3.3V 1A TO263-7</a>  | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2590HVSX-5.0</a><br>Description: <a href="#">IC REG BUCK 5V 1A TO263-7</a>        | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LM258WYPT</a><br>Description: <a href="#">IC OPAMP GP 1.1MHZ 8TSSOP</a>             | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2590HVSX5.0AQ</a><br>Description: <a href="#">IC REG BUCK 5V 1A DDPAK</a>         | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2590HVSX-5.0/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 1A TO263-7</a>   | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LM258WPT</a><br>Description: <a href="#">IC OPAMP LP DUAL 8TSSOP</a>                | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2590HVSX5.0AQ/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 1A DDPAK</a>    | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LM258YPT</a><br>Description: <a href="#">IC OPAMP GP 1.1MHZ 8TSSOP</a>              | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM258WYDT</a><br>Description: <a href="#">IC OPAMP GP 1.1MHZ 8SO</a>                | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2590HVT-3.3</a><br>Description: <a href="#">IC REG BUCK 3.3V 1A TO220-7</a>       | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
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