

LM2596T-5.0



COMPONENTS-WORLD.COM

Part Number: [LM2596T-5.0](#)

Manufacturer: [N/A](#)

Description: [IC REG BUCK 5V 3A TO220-5](#)

Data sheet:

RoHs Status: [Contains lead / RoHS non-compliant](#)

Ship From: [Hong Kong](#)

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 |                                |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | LM2596T-5.0                                                                     | Manufacturer                   | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG BUCK 5V 3A TO220-5                                                       | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 22995 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)                                                                                                                                                                                                                                                                                                                                                                                                   | 40V                                                                             | Topology                       | Buck                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                   | No                                                                              | Supplier Device Package        | TO-220-5                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | SIMPLE SWITCHER®                                                                | Packaging                      | Tube                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                          | TO-220-5 Formed Leads                                                           | Output Type                    | Fixed                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                    | Positive                                                                        | Operating Temperature          | -40°C ~ 125°C (TJ)                 |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                               | Mounting Type                  | Through Hole                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                | Step-Down                                                                       | Frequency - Switching          | 150kHz                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                    | Buck Switching Regulator IC Positive Fixed 5V 1 Output 3A TO-220-5 Formed Leads | Current - Output               | 3A                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | LM2596                                                                          |                                |                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 22995 pieces of LM2596T-5.0 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="#">LM2597HVM-12</a><br>Description: <a href="#">IC REG BUCK 12V 0.5A 8-SOIC</a>      | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/LF02</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO220-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-3.3/NOPB</a><br>Description: <a href="#">IC REG BUCK 3.3V 3A TO220-5</a>  | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO220-5</a>        | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596TVADJG</a><br>Description: <a href="#">IC REG MULT CONFIG INV ADJ TO220</a> | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO220-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-3.3/LF03</a><br>Description: <a href="#">IC REG BUCK 3.3V 3A TO220-5</a>  | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596SX-5.0/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 3A TO263-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596SX-ADJ/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO263-5</a>  | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-12/NOPB</a><br>Description: <a href="#">IC REG BUCK 12V 3A TO220-5</a>    | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2597HVM-12/NOPB</a><br>Description: <a href="#">IC REG BUCK 12V 0.5A 8-SOIC</a> | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-12/LF03</a><br>Description: <a href="#">IC REG BUCK 12V 3A TO220-5</a>    | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-3.3</a><br>Description: <a href="#">IC REG BUCK 3.3V 3A TO220-5</a>       | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596TADJG</a><br>Description: <a href="#">IC REG MULT CONFIG INV ADJ TO220</a>  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-5.0/LF03</a><br>Description: <a href="#">IC REG BUCK 5V 3A TO220-5</a>    | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-ADJ/LB05</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO220-5</a>   | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596SX-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO263-5</a>       | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-12</a><br>Description: <a href="#">IC REG BUCK 12V 3A TO220-5</a>         | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596SX-3.3/NOPB</a><br>Description: <a href="#">IC REG BUCK 3.3V 3A TO263-5</a> | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LM2596T-5.0/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 3A TO220-5</a>    | Manufacturers: <a href="#">N/A</a>                                  | <a href="#">RFQ</a> |

| Related keywords for LM2596T-5.0 |                         |                      |                   |
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