

LM2596T-5.0/LF03



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Part Number: [LM2596T-5.0/LF03](#)

Manufacturer: [N/A](#)

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

Data sheet:

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

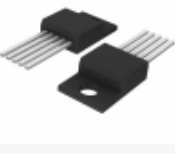
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | LM2596T-5.0/LF03                          | Manufacturer                    | N/A                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG BUCK 5V 3A TO220-5                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 26221 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)                             | Manufacturer Standard Lead Time | 20 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 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 26221 pieces of LM2596T-5.0/LF03 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="#">LM2596T-5.0/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 3A TO220-5</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM2596SX-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO263-5</a>       | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM2596T-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 3A TO220-5</a>        | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM2597HVM-3.3</a><br>Description: <a href="#">IC REG BUCK 3.3V 0.5A 8-SOIC</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM2596T-5.0</a><br>Description: <a href="#">IC REG BUCK 5V 3A TO220-5</a>         | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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> | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM2596T-12</a><br>Description: <a href="#">IC REG BUCK 12V 3A TO220-5</a>         | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
|  | 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>                                  | <div>RFQ</div> |
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|                                              |                              |                           |                        |
|----------------------------------------------|------------------------------|---------------------------|------------------------|
| Related keywords for <b>LM2596T-5.0/LF03</b> |                              |                           |                        |
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