









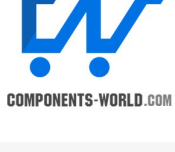





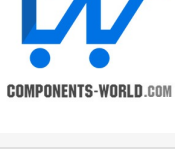
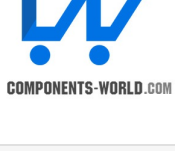
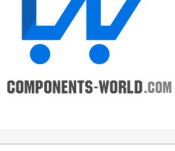
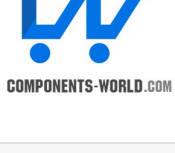



**LM2588S-5.0/NOPB**

|   |  |  |
|---|--|--|
|  <p><b>COMPONENTS-WORLD.COM</b></p>   | <p><b>Part Number:</b> <a href="#">LM2588S-5.0/NOPB</a></p> <p><b>Manufacturer:</b> N/A</p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO263</p> <p><b>Data sheet:</b></p> | <p><b>RoHS Status:</b> Contains lead / RoHS Compliant</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|   | <p><a href="#">Request For Quotation</a></p>   |  |
| <p>Images are for reference only.<br/>See Product Specifications for product details.<br/>Buy LM2588S-5.0/NOPB with confidence from Component-World.HK, 1 Year Warranty</p> |  |  |

| PRODUCT PARAMETER                       |  |
|---|--|
| <b>Part Number</b>                      | LM2588S-5.0/NOPB   |
| <b>Description</b>                      | IC REG MULTI CONFIG 5V 5A TO263  |
| <b>Quantity Available</b>               | 10454 pcs  |
| <b>Category</b>                         | <a href="#">Integrated Circuits (ICs)</a>  |
| <b>Voltage - Output (Max)</b>           | -  |
| <b>Voltage - Input (Max)</b>            | 40V  |
| <b>Synchronous Rectifier</b>            | No   |
| <b>Series</b>                           | SIMPLE SWITCHER®   |
| <b>Package / Case</b>                   | TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA   |
| <b>Output Configuration</b>             | Positive   |
| <b>Operating Temperature</b>            | -40°C ~ 125°C (TJ)   |
| <b>Mounting Type</b>                    | Surface Mount  |
| <b>Manufacturer Standard Lead Time</b>  | 8 Weeks  |
| <b>Function</b>                         | Step-Up, Step-Up/Step-Down   |
| <b>Detailed Description</b>             | Boost, Flyback, Forward Converter Switching Regulator IC Positive Fixed 5V 1 Output 5A (Switch) TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA |
| <b>Base Part Number</b>                 | LM2588   |
| <b>Manufacturer</b>                     | N/A  |
| <b>Lead Free Status / RoHS Status</b>   | Contains lead / RoHS Compliant   |
| <b>Data sheet</b>                       |  |
| <b>Voltage - Output (Min/Fixed)</b>     | 5V   |
| <b>Voltage - Input (Min)</b>            | 4V   |
| <b>Topology</b>                         | Boost, Flyback, Forward Converter  |
| <b>Supplier Device Package</b>          | DDPAK/TO-263-7   |
| <b>Packaging</b>                        | Tube   |
| <b>Output Type</b>                      | Fixed  |
| <b>Other Names</b>                      | *LM2588S-5.0/NOPB<br>LM2588S50NOPB   |
| <b>Number of Outputs</b>                | 1  |
| <b>Moisture Sensitivity Level (MSL)</b> | 3 (168 Hours)  |
| <b>Lead Free Status / RoHS Status</b>   | Contains lead / RoHS Compliant   |
| <b>Frequency - Switching</b>            | 100kHz ~ 200kHz  |
| <b>Current - Output</b>                 | 5A (Switch)  |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS   |  |
|--|--|
|  | <p><b>Part#:</b> <a href="#">LM2588SX-ADJ/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p> |
|  | <p><b>Part#:</b> <a href="#">LM2588S-5.0</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>        |
|  | <p><b>Part#:</b> <a href="#">LM2588S-12</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 12V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>        |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-ADJ</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>      |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-12</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 12V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>       |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-5.0/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-3.3/NOPB</a></p> <p><b>Description:</b> IC REG MULT CONFIG 3.3V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p> |
|  | <p><b>Part#:</b> <a href="#">LM2588S-3.3/NOPB</a></p> <p><b>Description:</b> IC REG MULT CONFIG 3.3V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2587T-ADJ</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO220</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>       |
|  | <p><b>Part#:</b> <a href="#">LM2587T-5.0/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO220</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>   |
|  | <p><b>Part#:</b> <a href="#">LM2588S-ADJ</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>       |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-12/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 12V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2588S-ADJ/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2588S-3.3</a></p> <p><b>Description:</b> IC REG MULT CONFIG 3.3V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>       |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-5.0</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>       |
|  | <p><b>Part#:</b> <a href="#">LM2587T-ADJ/LF03</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO220</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2588S-12/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 12V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>   |
|  | <p><b>Part#:</b> <a href="#">LM2587T-5.0</a></p> <p><b>Description:</b> IC REG MULTI CONFIG 5V 5A TO220</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>        |
|  | <p><b>Part#:</b> <a href="#">LM2587T-ADJ/NOPB</a></p> <p><b>Description:</b> IC REG MULTI CONFIG ADJ 5A TO220</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>  |
|  | <p><b>Part#:</b> <a href="#">LM2588SX-3.3</a></p> <p><b>Description:</b> IC REG MULT CONFIG 3.3V 5A TO263</p> <p><b>Manufacturers:</b> <a href="#">N/A</a></p> <p><a href="#">RFQ</a></p>      |

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