

LM2588SX-3.3/NOPB



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Part Number: [LM2588SX-3.3/NOPB](#)

Manufacturer: N/A

Description: IC REG MULT CONFIG 3.3V 5A TO263

Data sheet:

RoHs Status: Contains lead / RoHS non-compliant

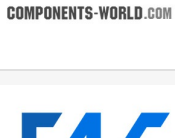
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                    | LM2588SX-3.3/NOPB                         | Manufacturer                    | N/A                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                    | IC REG MULT CONFIG 3.3V 5A TO263          | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                             | 13402 pcs                                 | Data sheet                      |                                                                                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 3.3V                                                                                                                                        |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                         | -                                         | Voltage - Input (Min)           | 4V                                                                                                                                          |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                          | 40V                                       | Topology                        | Boost, Flyback, Forward Converter                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                          | No                                        | Supplier Device Package         | DDPAK/TO-263-7                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                         | SIMPLE SWITCHER®                          | Packaging                       | Tape & Reel (TR)                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                 | TO-263-8, D²Pak (7 Leads + Tab), TO-263CA | Output Type                     | Fixed                                                                                                                                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                           | Positive                                  | 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 | 16 Weeks                                                                                                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                 | Contains lead / RoHS non-compliant        | Function                        | Step-Up, Step-Up/Step-Down                                                                                                                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                          | 100kHz ~ 200kHz                           | Detailed Description            | Boost, Flyback, Forward Converter Switching Regulator IC Positive Fixed 3.3V 1 Output 5A (Switch) TO-263-8, D²Pak (7 Leads + Tab), TO-263CA |
| Current - Output                                                                                                                                                                                                                                                                                                                                                               | 5A (Switch)                               | Base Part Number                | LM2588                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                    |                |
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|  | Part#: <a href="#">LM2588SX-ADJ</a><br>Description: IC REG MULTI CONFIG ADJ 5A TO263     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588T-3.3/NOPB</a><br>Description: IC REG MULT CONFIG 3.3V 5A TO220 | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588T-3.3</a><br>Description: IC REG MULT CONFIG 3.3V 5A TO220      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588T-5.0/NOPB</a><br>Description: IC REG MULTI CONFIG 5V 5A TO220  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588S-12/NOPB</a><br>Description: IC REG MULTI CONFIG 12V 5A TO263  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588S-ADJ/NOPB</a><br>Description: IC REG MULTI CONFIG ADJ 5A TO263 | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588T-12/NOPB</a><br>Description: IC REG MULTI CONFIG 12V 5A TO220  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588S-3.3</a><br>Description: IC REG MULT CONFIG 3.3V 5A TO263      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2588SX-5.0/NOPB</a><br>Description: IC REG MULTI CONFIG 5V 5A TO263 | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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