

LM2586S-5.0/NOPB



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Part Number: [LM2586S-5.0/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG MULTI CONFIG 5V 3A TO263](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                           |                                  |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | LM2586S-5.0/NOPB                                                                                                                          | Manufacturer                     | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG MULTI CONFIG 5V 3A TO263                                                                                                           | Lead Free Status / RoHS Status   | Contains lead / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 14458 pcs                                                                                                                                 | Data sheet                       |                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                                                                 | Voltage - Output (Min/Fixed)     | 5V                                 |
| 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                        | Tube                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | TO-263-8, D²Pak (7 Leads + Tab), TO-263CA                                                                                                 | Output Type                      | Fixed                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                                                                                                                  | Other Names                      | *LM2586S-5.0/NOPB<br>LM2586S50NOPB |
| 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                                                                                                                                                                                                                                                                                                                                                                                              | 26 Weeks                                                                                                                                  | Lead Free Status / RoHS Status   | Contains lead / RoHS Compliant     |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                     | Step-Up, Step-Up/Step-Down                                                                                                                | Frequency - Switching            | 100kHz ~ 200kHz                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                         | Boost, Flyback, Forward Converter Switching Regulator IC Positive Fixed 5V 1 Output 3A (Switch) TO-263-8, D²Pak (7 Leads + Tab), TO-263CA | Current - Output                 | 3A (Switch)                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | LM2586                                                                                                                                    |                                  |                                    |
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|  | Part#: <a href="#">LM2586S-ADJ/NOPB</a><br>Description: <a href="#">IC REG MULTI CONFIG ADJ 3A TO263</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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