

LM2678SDX-5.0



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Part Number: [LM2678SDX-5.0](#)

Manufacturer: [N/A](#)

Description: [IC REG BUCK 5V 5A 14VSON](#)

Data sheet:

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

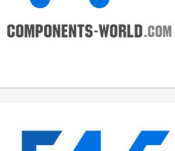
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                               |                                |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | LM2678SDX-5.0                                                                 | Manufacturer                   | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG BUCK 5V 5A 14VSON                                                      | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 5553 pcs                                                                      | Data sheet                     |                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Output (Min/Fixed)   | 5V                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                             | Voltage - Input (Min)          | 8V                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                    | 40V                                                                           | Topology                       | Buck                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                    | No                                                                            | Supplier Device Package        | 14-VSON (5x6)                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | SIMPLE SWITCHER®                                                              | Packaging                      | Tape & Reel (TR)                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                           | 14-VDFN Exposed Pad                                                           | 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)                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                                 | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                 | Step-Down                                                                     | Frequency - Switching          | 260kHz                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | Buck Switching Regulator IC Positive Fixed 5V 1 Output 5A 14-VDFN Exposed Pad | Current - Output               | 5A                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                         | LM2678                                                                        |                                |                                    |
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| RELATED PRODUCTS                                                                   |                                                                                                      |                                    |                |
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|  | Part#: <a href="#">LM2678SDX-3.3/NOPB</a><br>Description: <a href="#">IC REG BUCK 3.3V 5A 14VSON</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2678SX-ADJ/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 5A TO263-7</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2678SX-3.3/NOPB</a><br>Description: <a href="#">IC REG BUCK 3.3V 5A TO263-7</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2678SD-ADJ</a><br>Description: <a href="#">IC REG BUCK ADJ 5A 14VSON</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2678SX-3.3</a><br>Description: <a href="#">IC REG BUCK 3.3V 5A TO263-7</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2678SDX-5.0/NOPB</a><br>Description: <a href="#">IC REG BUCK 5V 5A 14VSON</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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