

LM2731XMF



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Part Number: [LM2731XMF](#)

Manufacturer: [N/A](#)

Description: [IC REG BOOST ADJ 1.8A SOT23-5](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |                                |                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | LM2731XMF                                                                                    | Manufacturer                   | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG BOOST ADJ 1.8A SOT23-5                                                                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                   | 5714 pcs                                                                                     | Data sheet                     |                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                                    | Voltage - Output (Min/Fixed)   | 2.7V                               |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                               | 22V (Switch)                                                                                 | Voltage - Input (Min)          | 2.7V                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                | 14V                                                                                          | Topology                       | Boost                              |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                           | Supplier Device Package        | SOT-23-5                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                            | Packaging                      | Tape & Reel (TR)                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                       | SC-74A, SOT-753                                                                              | Output Type                    | Adjustable                         |
| 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-Up                                                                                      | Frequency - Switching          | 1.6MHz                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                 | Boost Switching Regulator IC Positive Adjustable 2.7V 1 Output 1.8A (Switch) SC-74A, SOT-753 | Current - Output               | 1.8A (Switch)                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                     | LM2731                                                                                       |                                |                                    |
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| RELATED PRODUCTS                                                                   |                                                                                                      |                                    |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM27313QMF/NOPB</a><br>Description: <a href="#">IC REG BOOST ADJ 0.8A SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2731XMF/NOPB</a><br>Description: <a href="#">IC REG BOOST ADJ 1.8A SOT23-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2731YEVAL/NOPB</a><br>Description: <a href="#">EVAL BOARD FOR LM2731Y</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2731YMF</a><br>Description: <a href="#">IC REG BOOST ADJ 1.8A SOT23-5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2733XMF</a><br>Description: <a href="#">IC REG BOOST ADJ 1A SOT23-5</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2733XEVAL</a><br>Description: <a href="#">BOARD EVALUATION LM2733X</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM27313QMF/NOPB</a><br>Description: <a href="#">IC REG BOOST ADJ 0.8A SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2731XEVAL/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR LM2731X</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2731YEVAL</a><br>Description: <a href="#">BOARD EVALUATION LM2731Y</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM27313XMF/NOPB</a><br>Description: <a href="#">IC REG BOOST ADJ 0.8A SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2727MTCX/NOPB</a><br>Description: <a href="#">IC REG CTRLR BUCK 14TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for LM2731XMF |                       |                    |                 |
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