

**LM46001AQPWPRQ1 Information**


For Reference Only

**Part Number** [LM46001AQPWPRQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** AUTOMOTIVE 6TH GEN SIMPLE SWITCHER  
**Package** 16-TSSOP (0.173", 4.40mm Width) Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**LM46001AQPWPRQ1 Specifications**

|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| Manufacturer Part Number     | <a href="#">LM46001AQPWPRQ1</a>                                                                     |
| Manufacturer                 | Texas Instruments                                                                                   |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a> |
| Package                      | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                         |
| Series                       | Automotive, AEC-Q100, SIMPLE SWITCHER®                                                              |
| Function                     | Step-Down                                                                                           |
| Output Configuration         | Positive                                                                                            |
| Topology                     | Buck                                                                                                |
| Output Type                  | Adjustable                                                                                          |
| Number of Outputs            | 1                                                                                                   |
| Voltage - Input (Min)        | 3.5V                                                                                                |
| Voltage - Input (Max)        | 60V                                                                                                 |
| Voltage - Output (Min/Fixed) | 1V                                                                                                  |
| Voltage - Output (Max)       | 28V                                                                                                 |
| Current - Output             | 1A                                                                                                  |
| Frequency - Switching        | 200kHz ~ 2.2MHz                                                                                     |
| Synchronous Rectifier        | Yes                                                                                                 |
| Operating Temperature        | -40°C ~ 125°C (TJ)                                                                                  |
| Mounting Type                | Surface Mount                                                                                       |
| Package / Case               | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                         |
| Supplier Device Package      | 16-HTSSOP                                                                                           |

[Report errors?](#)

## LM46001AQPWPRQ1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## LM46001AQPWPRQ1 Payment Methods



## LM46001AQPWPRQ1 Shipping Methods



If you have any question about LM46001AQPWPRQ1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)