

**LM5642XMHX Information**


For Reference Only

**Part Number** [LM5642XMHX](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR BUCK 28ETSSOP  
**Package** 28-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)


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**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.


**LM5642XMHX Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">LM5642XMHX</a>   |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a> |
| Package                    | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad  |
| Series                     | -  |
| Output Type                | Transistor Driver  |
| Function                   | Step-Down  |
| Output Configuration       | Positive   |
| Topology                   | Buck   |
| Number of Outputs          | 2  |
| Output Phases              | 2  |
| Voltage - Supply (Vcc/Vdd) | 4.5 V ~ 36 V   |
| Frequency - Switching      | 375kHz   |
| Duty Cycle (Max)           | 98.9%  |
| Synchronous Rectifier      | Yes  |
| Clock Sync                 | Yes  |
| Serial Interfaces          | -  |
| Control Features           | Current Limit, Enable, Soft Start  |
| Operating Temperature      | -40°C ~ 125°C (TJ)   |
| Package / Case             | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad  |
| Supplier Device Package    | 28-HTSSOP  |

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## LM5642XMHX 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.

## LM5642XMHX Payment Methods



## LM5642XMHX Shipping Methods



If you have any question about LM5642XMHX, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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