

**TL5001ID Information**


For Reference Only

**Part Number** TL5001ID  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
 PMIC - Voltage Regulators - DC DC Switching Controllers  
**Description** IC REG CTRLR BCK/BST/FLYBK 8SOIC  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 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.


**TL5001ID Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | TL5001ID   |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br>PMIC - Voltage Regulators - DC DC Switching Controllers |
| Package                    | 8-SOIC (0.154", 3.90mm Width)  |
| Series                     | -  |
| Output Type                | Transistor Driver  |
| Function                   | Step-Up, Step-Down, Step-Up/Step-Down  |
| Output Configuration       | Positive   |
| Topology                   | Buck, Boost, Flyback   |
| Number of Outputs          | 1  |
| Output Phases              | 1  |
| Voltage - Supply (Vcc/Vdd) | 3.6 V ~ 40 V   |
| Frequency - Switching      | 20kHz ~ 500kHz   |
| Duty Cycle (Max)           | 100%   |
| Synchronous Rectifier      | No   |
| Clock Sync                 | No   |
| Serial Interfaces          | -  |
| Control Features           | Dead Time Control, Frequency Control   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)  |
| Supplier Device Package    | 8-SOIC   |

[Report errors?](#)

## TL5001ID 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.

## TL5001ID Payment Methods



## TL5001ID Shipping Methods



If you have any question about TL5001ID, please do not hesitate to contact us!

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

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