

**TLE42502GHTSA1 Information**


For Reference Only

**Part Number** [TLE42502GHTSA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - Linear](#)  
**Description** IC REG LIN POS ADJ 50MA SCT595-5  
**Package** 6-SMD (5 Leads), Gull Wing  
 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.


**TLE42502GHTSA1 Specifications**

|                              |   |
|------------------------------|---|
| Manufacturer Part Number     | <a href="#">TLE42502GHTSA1</a>  |
| Manufacturer                 | Infineon Technologies   |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - Linear</a> |
| Package                      | 6-SMD (5 Leads), Gull Wing  |
| Series                       | Automotive, AEC-Q100  |
| Output Configuration         | Positive  |
| Output Type                  | Adjustable  |
| Number of Regulators         | 1   |
| Voltage - Input (Max)        | 40V   |
| Voltage - Output (Min/Fixed) | Tracking  |
| Voltage - Output (Max)       | -   |
| Voltage Dropout (Max)        | 0.3V @ 10mA   |
| Current - Output             | 50mA  |
| Current - Quiescent (Iq)     | -   |
| Current - Supply (Max)       | -   |
| PSRR                         | 48dB (100Hz)  |
| Control Features             | Enable  |
| Protection Features          | Over Current, Over Temperature, Reverse Polarity, Short Circuit                 |
| Operating Temperature        | -40°C ~ 150°C   |
| Mounting Type                | Surface Mount   |
| Package / Case               | 6-SMD (5 Leads), Gull Wing  |
| Supplier Device Package      | PG-SCT595-5   |

[Report errors?](#)

## TLE42502GHTSA1 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.

## TLE42502GHTSA1 Payment Methods



## TLE42502GHTSA1 Shipping Methods



If you have any question about TLE42502GHTSA1, please do not hesitate to contact us!

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

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