

## 5LN01S-TL-E Information



For Reference Only

**Part Number** [5LN01S-TL-E](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 50V 100MA SMCP  
**Package** SC-75, SOT-416  
 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.



## 5LN01S-TL-E Specifications

Manufacturer Part Number	<a href="#">5LN01S-TL-E</a>
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	SC-75, SOT-416
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	50V
Current - Continuous Drain (Id) @ 25°C	100mA (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4V
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	1.57nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6.6pF @ 10V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	150mW (Ta)
Rds On (Max) @ Id, Vgs	7.8 Ohm @ 50mA, 4V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SMCP
Package / Case	SC-75, SOT-416

[Report errors?](#)

## 5LN01S-TL-E 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.

## 5LN01S-TL-E Payment Methods



## 5LN01S-TL-E Shipping Methods



If you have any question about 5LN01S-TL-E, please do not hesitate to contact us!

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