



### SFT1452-TL-W Information



For Reference Only

**Part Number** SFT1452-TL-W **Manufacturer** ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 250V 3A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









## **SFT1452-TL-W Specifications**

Manufacturer Part Number	SFT1452-TL-W
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	250V
Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	4.2nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	210pF @ 20V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	1W (Ta), 26W (Tc)
Rds On (Max) @ Id, Vgs	2.4 Ohm @ 1.5A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DPAK/TP-FA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### SFT1452-TL-W 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.

# **SFT1452-TL-W Payment Methods**









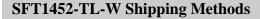
























If you have any question about SFT1452-TL-W, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com