

2SK3745LS Information



For Reference Only

Part Number [2SK3745LS](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1500V 2A TO-220FI
Package TO-220-3 Full Pack
 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.



2SK3745LS Specifications

Manufacturer Part Number	2SK3745LS
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	1500V
Current - Continuous Drain (Id) @ 25°C	2A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	37.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	380pF @ 30V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2W (Ta), 35W (Tc)
Rds On (Max) @ Id, Vgs	13 Ohm @ 1A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220FI(LS)
Package / Case	TO-220-3 Full Pack

[Report errors?](#)

2SK3745LS 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.

2SK3745LS Payment Methods



2SK3745LS Shipping Methods



If you have any question about 2SK3745LS, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com