

2SK3827

2SK3827 Information



Part Number	2SK3827
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 100V 40A TO-220
Package	TO-220-3
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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For Reference Only

Certified Quality

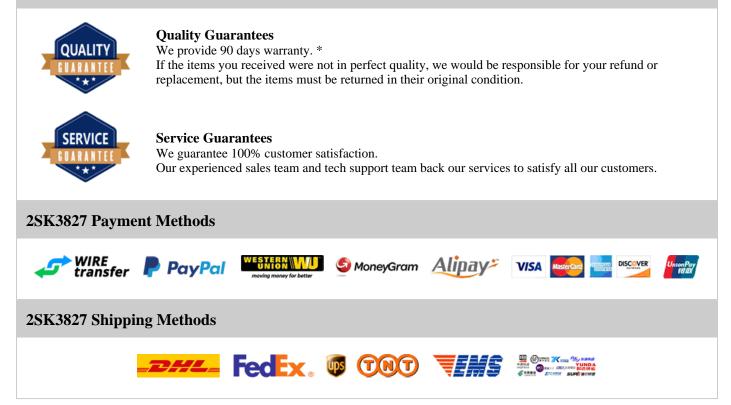
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



2SK3827 Specifications

Manufacturer Part Number	2SK3827
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	_
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	40A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	2.6V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	79nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4200pF @ 20V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	1.75W (Ta), 60W (Tc)
Rds On (Max) @ Id, Vgs	34 mOhm @ 20A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3
	Report errors?

2SK3827 Guarantees



If you have any question about 2SK3827, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com