

# 2SK3704

# 2SK3704 Information



Part Number	2SK3704
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 60V 45A TO-220ML
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



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For Reference Only

### **Certified Quality**

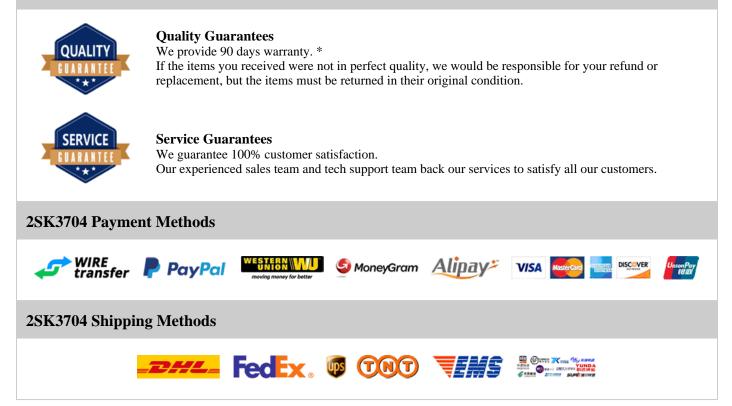
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 2SK3704 Specifications

Manufacturer Part Number	2SK3704
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 (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	45A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	67nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3500pF @ 20V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	2W (Ta), 30W (Tc)
Rds On (Max) @ Id, Vgs	14 mOhm @ 23A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220ML
Package / Case	TO-220-3 Full Pack
	Report errors?

#### 2SK3704 Guarantees



If you have any question about 2SK3704, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com