

SUM52N20-39P-E3 Information


For Reference Only

Part Number [SUM52N20-39P-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 200V 52A D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


SUM52N20-39P-E3 Specifications

Manufacturer Part Number	SUM52N20-39P-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	200V
Current - Continuous Drain (Id) @ 25°C	52A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V, 15V
Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	185nC @ 15V
Input Capacitance (Ciss) (Max) @ Vds	4220pF @ 25V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	3.12W (Ta), 250W (Tc)
Rds On (Max) @ Id, Vgs	38 mOhm @ 20A, 15V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-263 (D2Pak)
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

[Report errors?](#)

SUM52N20-39P-E3 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.

SUM52N20-39P-E3 Payment Methods



SUM52N20-39P-E3 Shipping Methods



If you have any question about SUM52N20-39P-E3, please do not hesitate to contact us!

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