

3N163-E3 Information



For Reference Only

Part Number 3N163-E3
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 40V 50MA TO-72
Package TO-206AF, TO-72-4 Metal Can
 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.



3N163-E3 Specifications

Manufacturer Part Number	3N163-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-206AF, TO-72-4 Metal Can
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	50mA (Ta)
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs(th) (Max) @ Id	5V @ 10µA
Gate Charge (Qg) (Max) @ Vgs	-
Input Capacitance (Ciss) (Max) @ Vds	3.5pF @ 15V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	375mW (Ta)
Rds On (Max) @ Id, Vgs	250 Ohm @ 100µA, 20V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-72
Package / Case	TO-206AF, TO-72-4 Metal Can

[Report errors?](#)

3N163-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.

3N163-E3 Payment Methods



3N163-E3 Shipping Methods



If you have any question about 3N163-E3, please do not hesitate to contact us!

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