

SSN1N45BTA Information


For Reference Only

Part Number [SSN1N45BTA](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 450V 500MA TO-92
Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
 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.


SSN1N45BTA Specifications

Manufacturer Part Number	SSN1N45BTA
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	450V
Current - Continuous Drain (Id) @ 25°C	500mA (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.7V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	8.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	240pF @ 25V
Vgs (Max)	±50V
FET Feature	-
Power Dissipation (Max)	900mW (Ta)
Rds On (Max) @ Id, Vgs	4.25 Ohm @ 250mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-92-3
Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

[Report errors?](#)

SSN1N45BTA 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.

SSN1N45BTA Payment Methods



SSN1N45BTA Shipping Methods



If you have any question about SSN1N45BTA, please do not hesitate to contact us!

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