

FDI3652 Information


For Reference Only

Part Number [FDI3652](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 61A TO-262AA
Package TO-262-3 Long Leads, I2Pak, TO-262AA
 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.


FDI3652 Specifications

Manufacturer Part Number	FDI3652
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	9A (Ta), 61A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	53nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2880pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	150W (Tc)
Rds On (Max) @ Id, Vgs	16 mOhm @ 61A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-262AA
Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA

[Report errors?](#)

FDI3652 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.

FDI3652 Payment Methods



FDI3652 Shipping Methods



If you have any question about FDI3652, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com