

FDC637AN Information


For Reference Only

Part Number [FDC637AN](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 6.2A SSOT-6
Package SOT-23-6 Thin, TSOT-23-6
 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.


FDC637AN Specifications

Manufacturer Part Number	FDC637AN
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	20V
Current - Continuous Drain (I _d) @ 25°C	6.2A (T _a)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	2.5V, 4.5V
V _{gs} (th) (Max) @ I _d	1.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	16nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1125pF @ 10V
V _{gs} (Max)	±8V
FET Feature	-
Power Dissipation (Max)	1.6W (T _a)
R _{ds} On (Max) @ I _d , V _{gs}	24 mOhm @ 6.2A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	SuperSOT?-6
Package / Case	SOT-23-6 Thin, TSOT-23-6

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FDC637AN 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.

FDC637AN Payment Methods



FDC637AN Shipping Methods



If you have any question about FDC637AN, please do not hesitate to contact us!

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