FDMC8010ET30

FDMC8010ET30 Information

For Reference Only

Part Number FDMC8010ET30
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 30A 8-PQFN
Package 8-PowerWDFN

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.

FDMC8010ET30 Specifications

Manufacturer Part Number	FDMC8010ET30
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerWDFN
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	30A (Ta), 174A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	94nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5860pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.8W (Ta), 65W (Tc)
Rds On (Max) @ Id, Vgs	1.3 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Power33
Package / Case	8-PowerWDFN
	Report errors?

FDMC8010ET30 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.

FDMC8010ET30 Payment Methods

FDMC8010ET30 Shipping Methods

If you have any question about FDMC8010ET30, please do not hesitate to contact us!
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