



## **FDMC8010 Information**

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For Reference Only

Part Number FDMC8010

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 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.









## **FDMC8010 Specifications**

Manufacturer Part Number	FDMC8010
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), 75A (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)	2.4W (Ta), 54W (Tc)
Rds On (Max) @ Id, Vgs	1.3 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Power33
Package / Case	8-PowerWDFN
	Report errors?

### FDMC8010 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.

## FDMC8010 Payment Methods





















## FDMC8010 Shipping Methods













If you have any question about FDMC8010, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com