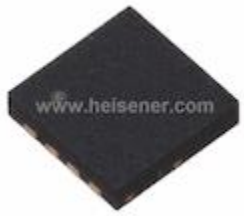
FDMC8554

FDMC8554 Information



For Reference Only

Part Number FDMC8554
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 20V 16.5A POWER33
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.

FDMC8554 Specifications

Manufacturer Part Number	FDMC8554
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)	20V
Current - Continuous Drain (Id) @ 25°C	16.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	62nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3380pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2W (Ta), 41W (Tc)
Rds On (Max) @ Id, Vgs	5 mOhm @ 16.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-MLP (3.3x3.3), Power33
Package / Case	8-PowerWDFN
	Report errors?

FDMC8554 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.

FDMC8554 Payment Methods

FDMC8554 Shipping Methods

If you have any question about FDMC8554, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com