FDU6296

FDU6296 Information

For Reference Only

Part Number FDU6296
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 15A I-PAK
Package TO-251-3 Short Leads, IPak, TO-251AA

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.

FDU6296 Specifications

Manufacturer Part Number	FDU6296
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	15A (Ta), 50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	31.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1440pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.8W (Ta), 52W (Tc)
Rds On (Max) @ Id, Vgs	8.8 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	IPAK (TO-251)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

FDU6296 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.

FDU6296 Payment Methods

FDU6296 Shipping Methods

If you have any question about FDU6296, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com