



FDB0300N1007L Information



For Reference Only

Part Number FDB0300N1007L

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 200A D2PAK

Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB

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.









FDB0300N1007L Specifications

Manufacturer Part Number	FDB0300N1007L	
Manufacturer	Fairchild/ON Semiconductor	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	
Series	PowerTrench?	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	100V	
Current - Continuous Drain (Id) @ 25°C	200A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	
Vgs(th) (Max) @ Id	4V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	113nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	8295pF @ 50V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	3.8W (Ta), 250W (Tc)	
Rds On (Max) @ Id, Vgs	3 mOhm @ 26A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	D2PAK (7-Lead)	
Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	
	Report	errors?

FDB0300N1007L 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.

FDB0300N1007L Payment Methods



















FDB0300N1007L Shipping Methods













If you have any question about FDB0300N1007L, please do not hesitate to contact us!

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