

Specifications	
Part Number	FDB024N06
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 60V 120A D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	30492 pcs Stock
Vgs(th) (Max) @ Id	4.5V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D²PAK
Series	PowerTrench®
Rds On (Max) @ Id, Vgs	2.4 mOhm @ 75A, 10V
Power Dissipation (Max)	395W (Tc)
Packaging	Cut Tape (CT)
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Other Names	FDB024N06CT
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	14885pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	226nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Detailed Description	N-Channel 60V 120A (Tc) 395W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	120A (Tc)

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More

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