



DMT3006LPS-13

Manufacturer Part Number:	DMT3006LPS-13
Manufacturer / Brand	Diodes Incorporated
Part of Description:	MOSFET N-CHA 30V 16A POWERDI
Datasheets:	DMT3006LPS-13.pdf
Lead Free Status / RoHS Status:	Contains lead / RoHS Compliant
Stock Condition:	New original, 16600 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of DMT3006LPS-13

Part Number	DMT3006LPS-13	Manufacturer / Brand	Diodes Incorporated
Series	Automotive, AEC-Q101	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerTDFN	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	PowerDI5060-8
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 16A (Ta), 65A (Tc) 1.3W (Ta), 42W (Tc) Surface Mount PowerDI5060-8
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	1.3W (Ta), 42W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	16A (Ta), 65A (Tc)
Rds On (Max) @ Id, Vgs	6 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	22.6nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1320pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	DMT3006LPS-13DICT	Stock Quantity	16600 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CHA 30V 16A POWERDI
Lead Free Status / RoHS Status	Contains lead / RoHS Compliant		

Keywords related to DMT3006LPS-13

Diodes Incorporated DMT3006LPS-13	DMT3006LPS-13 part	DMT3006LPS-13 Price	DMT3006LPS-13 Distributor
DMT3006LPS-13 Technical	DMT3006LPS-13 Stock	DMT3006LPS-13 Inventory	DMT3006LPS-13 Supplier
DMT3006LPS-13 Online Order	DMT3006LPS-13 Inquiry	DMT3006LPS-13 Image	DMT3006LPS-13 Picture
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