



**SUD42N03-3M9P-GE3**

Manufacturer Part Number:	SUD42N03-3M9P-GE3
Manufacturer / Brand	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET N-CH 30V 42A TO252
Datasheets:	SUD42N03-3M9P-GE3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 16500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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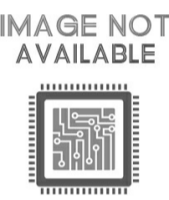
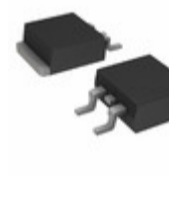




























The specifications of SUD42N03-3M9P-GE3

Part Number	SUD42N03-3M9P-GE3	Manufacturer / Brand	Electro-Films (EFI) / Vishay
Series	TrenchFET®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-252-3, DPAK (2 Leads + Tab), SC-63	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	TO-252
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 42A (Tc) 2.5W (Ta), 73.5W (Tc) Surface Mount TO-252
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.5W (Ta), 73.5W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	42A (Tc)
Rds On (Max) @ Id, Vgs	3.9 mOhm @ 22A, 10V	Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	100nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	3535pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	SUD42N03-3M9P-GE3CT	Stock Quantity	16500 pcs Stock
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs, MOSFETs - Single</a>	Description	MOSFET N-CH 30V 42A TO252
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to SUD42N03-3M9P-GE3

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**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong