

SIHS90N65E-E3



Part Number: [SIHS90N65E-E3](#)
Manufacturer: [Electro-Films \(EFI\) / Vishay](#)
Description: MOSFET N-CH 650V 87A SUPER247
Data sheet: [SIHS90N65E](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER

Part Number	SIHS90N65E-E3
Manufacturer	Electro-Films (EFI) / Vishay
Description	MOSFET N-CH 650V 87A SUPER247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5288 pcs
Product Photo	SIHS90N65E-E3-001.jpg , SIHS90N65E-E3-002.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	SUPER-247 (TO-274AA)
Series	-
Rds On (Max) @ Id, Vgs	29 mOhm @ 45A, 10V
Power Dissipation (Max)	625W (Tc)
Packaging	Cut Tape (CT)
Package / Case	TO-247-3
Other Names	SIHS90N65E-E3CT
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	11826pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	591nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	650V
Detailed Description	N-Channel 650V 87A (Tc) 625W (Tc) Through Hole SUPER-247 (TO-274AA)
Current - Continuous Drain (Id) @ 25°C	87A (Tc)

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