

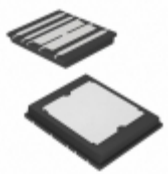
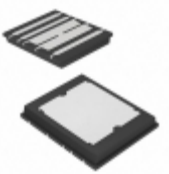
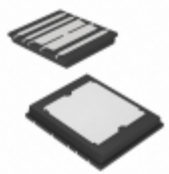
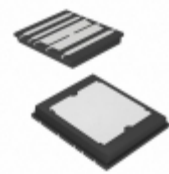
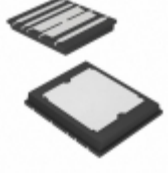
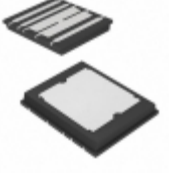
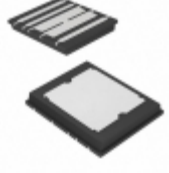
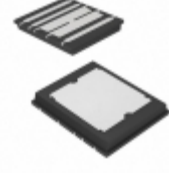
	<p>SIE830DF-T1-E3</p>
	<p>Manufacturer Part Number: SIE830DF-T1-E3</p> <p>Manufacturer/Brand: Electro-Films (EFI) / Vishay</p> <p>Part of Description: MOSFET N-CH 30V 50A 10-POLARPAK</p> <p>Datasheets:  SIE830DF-T1-E3.pdf</p> <p>RoHS Status:  Lead free / RoHS</p> <p>Stock Condition: Compliant New original, Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	SIE830DF-T1-E3
Manufacturer	Electro-Films (EFI) / Vishay
Description	MOSFET N-CH 30V 50A 10-POLARPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2V @ 250µA
Vgs (Max)	±12V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	10-PolarPAK® (S)
Series	WFET®
Rds On (Max) @ Id, Vgs	4.2 mOhm @ 16A, 10V
Power Dissipation (Max)	5.2W (Ta), 104W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	10-PolarPAK® (S)
Other Names	SIE830DF-T1-E3TR
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	5500pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	115nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Detailed Description	N-Channel 30V 50A (Tc) 5.2W (Ta), 104W (Tc) Surface
Current - Continuous Drain (Id) @ 25°C	50A (Tc)

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