




SIR870DP-T1-GE3

Manufacturer Part Number:	SIR870DP-T1-GE3
Manufacturer / Brand	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET N-CH 100V 60A PPAK SO-8
Datasheets:	SIR870DP-T1-GE3.pdf
Lead Free Status / RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	New original, 4000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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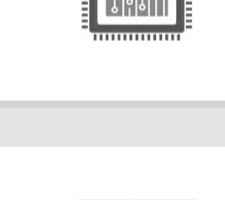
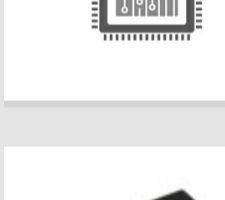









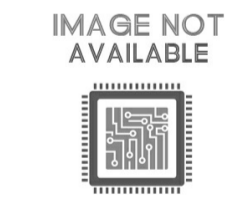



The specifications of SIR870DP-T1-GE3

Part Number	SIR870DP-T1-GE3	Manufacturer / Brand	Electro-Films (EFI) / Vishay
Series	TrenchFET®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	PowerPAK® SO-8	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	PowerPAK® SO-8
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 100V 60A (Tc) 6.25W (Ta), 104W (Tc) Surface Mount PowerPAK® SO-8
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	6.25W (Ta), 104W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	100V	Current - Continuous Drain (Id) @ 25°C	60A (Tc)
Rds On (Max) @ Id, Vgs	6 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	84nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2840pF @ 50V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	SIR870DP-T1-GE3DKR	Stock Quantity	4000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 100V 60A PPAK SO-8
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to SIR870DP-T1-GE3

Electro-Films (EFI) / Vishay SIR870DP-T1-GE3	SIR870DP-T1-GE3 part	SIR870DP-T1-GE3 Price	SIR870DP-T1-GE3 Distributor
SIR870DP-T1-GE3 Technical	SIR870DP-T1-GE3 Stock	SIR870DP-T1-GE3 Inventory	SIR870DP-T1-GE3 Supplier
SIR870DP-T1-GE3 Online Order	SIR870DP-T1-GE3 Inquiry	SIR870DP-T1-GE3 Image	SIR870DP-T1-GE3 Picture
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 <p>SIR878ADP-T1-GE3 Description: MOSFET N-CH 100V 40A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 2200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR846ADP-T1-GE3 Description: MOSFET N-CH 100V 60A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 24000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR862ADP-T1-GE3 Description: MOSFET N-CH 100V 60A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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 <p>SIR840DP-T1-GE3 Description: MOSFET N-CH 30V PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 99000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR890DP-T1-E3 Description: SIR890DP-T1-E3 VISHAY DFN56 Manufacturers: Vishay Precision Group In Stock: New original, 33300 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR882DP-T1-GE3 Description: MOSFET N-CH 100V 60A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
 <p>SIR880ADP-T1-GE3 Description: MOSFET N-CH 80V 60A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 45000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR844DP-T1-GE3 Description: MOSFET N-CH 25V 50A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 1000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR866DP-T1-GE3 Description: MOSFET N-CH 20V 60A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 798200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
 <p>SIR886-T1-GE3 Description: SIR886-T1-GE3 VISHAY SO-8 Manufacturers: Vishay Precision Group In Stock: New original, 3900 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR850DP-T1-GE3 Description: MOSFET N-CH 25V 30A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 798200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR876ADP-T1-GE3 Description: MOSFET N-CH 100V 40A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 700 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
 <p>SIR872DP-T1-GE3 Description: MOSFET N-CH 150V 53.7A PPAK SO-8 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 3600 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>SIR864DP Description: SIR864DP SI QFN-8 Manufacturers: SI In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR866DP Description: SIR866DP VISHAY QFN8 Manufacturers: Vishay Precision Group In Stock: New original, 798200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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 <p>SIR862DP-T1-E3 Description: SIR862DP-T1-E3 VISHAY QFN8 Manufacturers: Vishay Precision Group In Stock: New original, 798200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>SIR850DP Description: SIR850DP SI QFN-8 Manufacturers: SI In Stock: New original, 700 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p>SIR866DP-T1-E3 Description: SIR866DP-T1-E3 VISHAY DFN56 Manufacturers: Vishay Precision Group In Stock: New original, 33300 pcs Stock Available. Quote: <input type="text"/> RFQ</p>