



SIR168DP-T1-GE3

Manufacturer Part Number:	SIR168DP-T1-GE3
Manufacturer / Brand	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET N-CH 30V 40A PPAK SO-8
Datasheets:	SIR168DP-T1-GE3.pdf
Lead Free Status / RoHS Status:	  Lead free / RoHS Compliant
Stock Condition:	New original, 2200 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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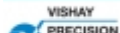
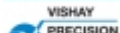
The specifications of SIR168DP-T1-GE3

Part Number	SIR168DP-T1-GE3	Manufacturer / Brand	Electro-Films (EFI) / Vishay
Series	TrenchFET®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	PowerPAK® SO-8	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	PowerPAK® SO-8
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 40A (Tc) 5W (Ta), 34.7W (Tc) Surface Mount PowerPAK® SO-8
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	5W (Ta), 34.7W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	40A (Tc)
Rds On (Max) @ Id, Vgs	4.4 mOhm @ 15A, 10V	Vgs(th) (Max) @ Id	2.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	75nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2040pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Stock Quantity	2200 pcs Stock	Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 40A PPAK SO-8	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords realted to SIR168DP-T1-GE3

Electro-Films (EFI) / Vishay SIR168DP-T1-GE3	SIR168DP-T1-GE3 part	SIR168DP-T1-GE3 Price	SIR168DP-T1-GE3 Distributor
SIR168DP-T1-GE3 Technical	SIR168DP-T1-GE3 Stock	SIR168DP-T1-GE3 Inventory	SIR168DP-T1-GE3 Supplier
SIR168DP-T1-GE3 Online Order	SIR168DP-T1-GE3 Inquiry	SIR168DP-T1-GE3 Image	SIR168DP-T1-GE3 Picture
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