



SI7686DP-T1-E3

Manufacturer Part Number:	SI7686DP-T1-E3
Manufacturer / Brand	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET N-CH 30V 35A PPAK SO-8
Datasheets:	SI7686DP-T1-E3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 59800 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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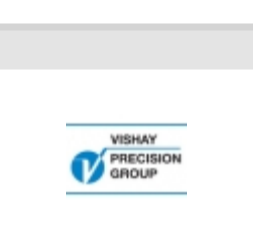

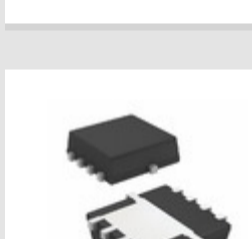

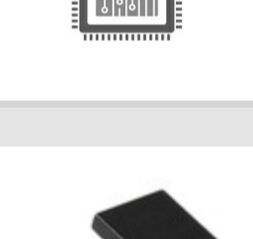



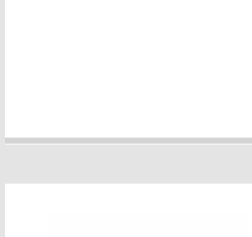



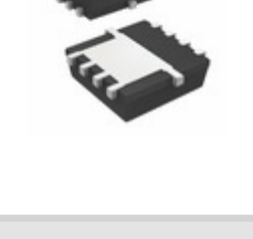








The specifications of SI7686DP-T1-E3

Part Number	SI7686DP-T1-E3	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 30V 35A (Tc) 5W (Ta), 37.9W (Tc) Surface Mount PowerPAK® SO-8
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	5W (Ta), 37.9W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Rds On (Max) @ Id, Vgs	9.5 mOhm @ 13.8A, 10V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	26nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1220pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	SI7686DP-T1-E3DKR	Stock Quantity	59800 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 30V 35A PPAK SO-8
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to SI7686DP-T1-E3

Electro-Films (EFI) / Vishay SI7686DP-T1-E3	SI7686DP-T1-E3 part	SI7686DP-T1-E3 Price	SI7686DP-T1-E3 Distributor
SI7686DP-T1-E3 Technical	SI7686DP-T1-E3 Stock	SI7686DP-T1-E3 Inventory	SI7686DP-T1-E3 Supplier
SI7686DP-T1-E3 Online Order	SI7686DP-T1-E3 Inquiry	SI7686DP-T1-E3 Image	SI7686DP-T1-E3 Picture
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