



SI4431CDY-T1-E3

Manufacturer Part Number:	SI4431CDY-T1-E3
Manufacturer / Brand:	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET P-CH 30V 9A 8SOIC
Datasheets:	SI4431CDY-T1-E3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 53600 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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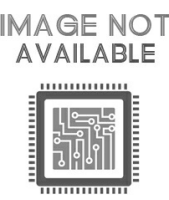


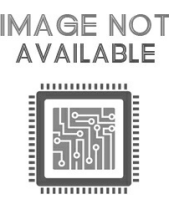


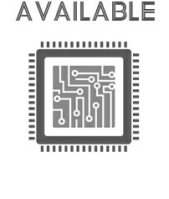






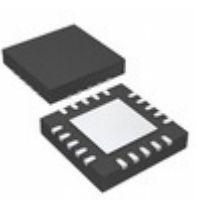



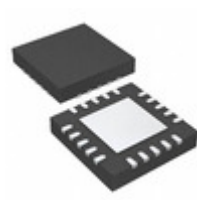







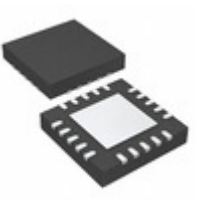

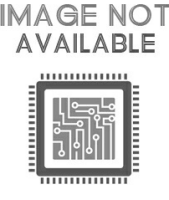


The specifications of SI4431CDY-T1-E3

Part Number	SI4431CDY-T1-E3	Manufacturer / Brand	Electro-Films (EFI) / Vishay
Series	TrenchFET®	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	8-SO
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	P-Channel 30V 9A (Tc) 4.2W (Tc) Surface Mount 8-SO
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	4.2W (Tc)
FET Type	P-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	9A (Tc)
Rds On (Max) @ Id, Vgs	32 mOhm @ 7A, 10V	Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	38nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1006pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	SI4431CDY-T1-E3DKR	Stock Quantity	53600 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET P-CH 30V 9A 8SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to SI4431CDY-T1-E3

Electro-Films (EFI) / Vishay SI4431CDY-T1-E3	SI4431CDY-T1-E3 part	SI4431CDY-T1-E3 Price	SI4431CDY-T1-E3 Distributor
SI4431CDY-T1-E3 Technical	SI4431CDY-T1-E3 Stock	SI4431CDY-T1-E3 Inventory	SI4431CDY-T1-E3 Supplier
SI4431CDY-T1-E3 Online Order	SI4431CDY-T1-E3 Inquiry	SI4431CDY-T1-E3 Image	SI4431CDY-T1-E3 Picture
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 SI4431DY-T1-GE3 Description: SI4431DY-T1-GE3 VISHAY SOP-8 Manufacturers: Vishay Precision Group In Stock: New original, 5000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>	 SI4431BDY-T1-GE3 Description: MOSFET P-CH 30V 5.7A 8SOIC Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 29400 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>	 SI4431DY Description: SI4431DY VISHAY SOP-8 Manufacturers: Vishay Precision Group In Stock: New original, 1700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>
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 SI4431DY-T1-E3. Description: SI4431DY-T1-E3. VIS SO8 Manufacturers: VIS In Stock: New original, 2100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>	 SI4431ADY-T1-E3 Description: SI4431ADY-T1-E3 VISHAY SOP-8 Manufacturers: Vishay Precision Group In Stock: New original, 25700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>	 SI4431CDY-T1-GE3 Description: MOSFET P-CH 30V 9A 8-SOIC Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 5900 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/>



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