

SIC431AED-T1-GE3





Part Number: [SIC431AED-T1-GE3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: IC REG BUCK ADJ SYNC

Data sheet:  [SIC431 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

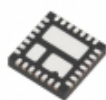
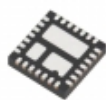
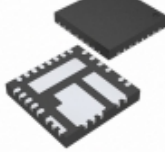
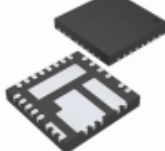
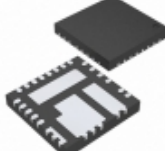
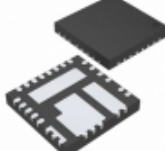
Ship From: Hong Kong

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Images are for reference only.
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PRODUCT PARAMETER			
Part Number	SIC431AED-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC REG BUCK ADJ SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64746 pcs	Data sheet	SIC431 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	20V	Voltage - Input (Min)	3V
Voltage - Input (Max)	24V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	PowerPAK® MLP44-24
Series	-	Packaging	Tape & Reel (TR)
Package / Case	24-PowerWFQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	SIC431AED-T1-GE3TR
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	19 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	300kHz ~ 1MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 24A 24-PowerWFQFN	Current - Output	24A
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RELATED PRODUCTS			
	Part#: SIC464EVB Description: REF BRD MICROBUCK SIC464	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC414CD-T1-GE3 Description: IC REG DL BCK/LINEAR SYNC 28MLPQ	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC424CD-T1-GE3 Description: IC REG DL BCK/LDO SYNC 44MLP-28	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC403CD-T1-GE3 Description: IC REG DL BCK/LNR SYNC MLP55-32	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC462EVB Description: REF BRD MICROBUCK SIC462	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC437AED-T1-GE3 Description: IC REG BUCK ADJ SYNC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC402DB Description: EVAL BOARD BUCK REG ADJ 10A	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC463ED-T1-GE3 Description: IC REG BUCK ADJ 4A SYNC MLP27-55	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC417CD-T1-E3 Description: IC REG DL BCK/LINEAR SYNC 32MLPQ	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC403BCD-T1-GE3 Description: IC REG DL BCK/LNR SYNC MLP55-32L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC403ACD-T1-GE3 Description: IC REG DL BCK/LNR SYNC MLP55-32L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC413DB Description: EVAL BOARD BUCK REG 26V 4A	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC461ED-T1-GE3 Description: IC REG BUCK ADJ 10A SYNC MLP55-2	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC438BED-T1-GE3 Description: IC REG BUCK ADJ SYNC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC403DB Description: EVAL BOARD BUCK REG ADJ 6A	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC461EVB Description: REF BRD MICROBUCK SIC461	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC463EVB Description: REF BRD MICROBUCK SIC463	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC413CB-T1-E3 Description: IC REG BUCK ADJ 4A SYNC 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC462ED-T1-GE3 Description: IC REG BCK ADJ 6A SYNC MLP55-27L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC464ED-T1-GE3 Description: IC REG BUCK ADJ 2A SYNC MLP27-55	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for SIC431AED-T1-GE3			
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