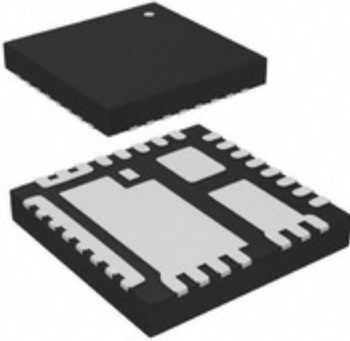


SIC631CD-T1-GE3





Part Number: [SIC631CD-T1-GE3](#)

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

Description: IC CTRL STAGE 50A 5V PWM PPAK ML

Data sheet:  [SIC631](#)

RoHs Status: Lead free / RoHS Compliant

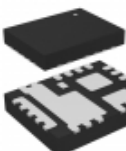
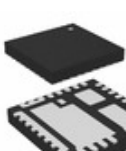
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	SIC631CD-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC CTRL STAGE 50A 5V PWM PPAK ML	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	72806 pcs	Data sheet	SIC631
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	4.5 V ~ 24 V	Technology	Power MOSFET
Supplier Device Package	PowerPAK® MLP55-31L	Series	VRPower®
Rds On (Typ)	-	Packaging	Original-Reel®
Package / Case	PowerPAK® MLP55-31L	Output Configuration	Half Bridge
Other Names	SIC631CD-T1-GE3DKR	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	21 Weeks	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	PWM
Features	Bootstrap Circuit, Diode Emulation	Fault Protection	UVLO
Detailed Description	Half Bridge Driver Synchronous Buck Converters Power MOSFET PowerPAK® MLP55-31L	Current - Peak Output	55A
Current - Output / Channel	50A	Applications	Synchronous Buck Converters
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RELATED PRODUCTS			
	Part#: SIC634CD-T1-GE3 Description: 40A VRPOWER (DRMOS) INTEGRATED P	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC533CD-T1-GE3 Description: IC POWER STAGE 35A POWERPAK MLP4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC620ARCD-T1-GE3 Description: IC CTRL STAGE 60A 3.3V PWM PPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC639ACD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC632ACD-T1-GE3 Description: IC CTRL STAGE 50A 3.3V PWM PPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC620ACD-T1-GE3 Description: IC CTRL STAGE 60A PPAK MLP55-31L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC534CD-T1-GE3 Description: IC POWER STAGE 30A POWERPAK MLP4	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC620CD-T1-GE3 Description: IC CTRL STAGE 60A PPAK MLP55-31L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC531ACD-T1-GE3 Description: IC CTRL STAGE 30A 3.3V PWM PPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC645ALR-T1-GE3 Description: 60A VRPOWERSMART POWER STAGE(SPS)	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC645AER-T1-GE3 Description: IC PWR STAGE 60A 3.3V MLP55-32L	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC621CD-T1-GE3 Description: 60A VRPOWER(DRMOS)INTEGRATED POW	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC620RCD-T1-GE3 Description: IC CTRL STAGE 60A 5V PWM PPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC638ACD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC639CD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC638CD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC531CD-T1-GE3 Description: IC CTRL STAGE 30A 5V PWM PPAK ML	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC632CD-T1-GE3 Description: IC CTRL STAGE 50A 5V PWM PPAK ML	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC532CD-T1-GE3 Description: IC CTRL STAGE 30A 5V PWM PPAK ML	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC645ADR-T1-GE3 Description: 60A VRPOWER SMART POWER STAGE(SP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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