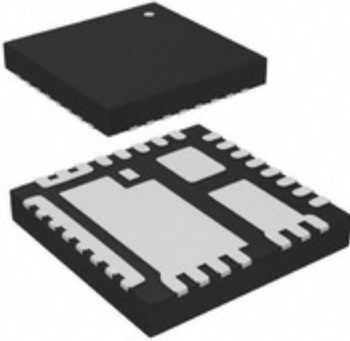


SIC638CD-T1-GE3





Part Number: [SIC638CD-T1-GE3](#)

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

Description: INTEGRATED POWER STAGE POWERPAK

Data sheet:  [SIC638](#)

RoHs Status: Lead free / RoHS Compliant

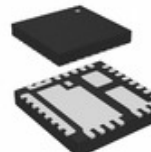
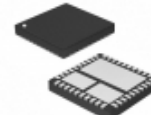
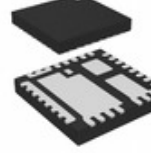
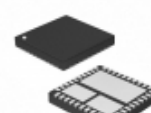
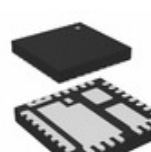
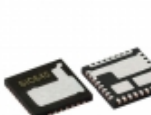
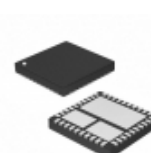
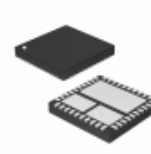
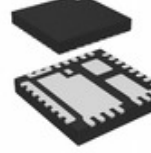
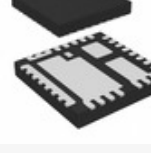
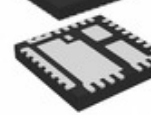
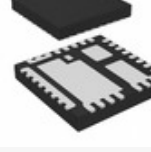
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	SIC638CD-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	INTEGRATED POWER STAGE POWERPAK	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	93356 pcs	Data sheet	SIC638
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	4.5 V ~ 5.5 V	Technology	Power MOSFET
Supplier Device Package	PowerPAK® MLP55-31L	Series	VRPower®
Rds On (Typ)	-	Packaging	Cut Tape (CT)
Package / Case	PowerPAK® MLP55-31L	Output Configuration	Half Bridge (2)
Other Names	SIC638CD-T1-GE3CT	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	17 Weeks	Load Type	Inductive, Capacitive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	PWM
Features	Bootstrap Circuit, Diode Emulation, Status Flag	Fault Protection	Shoot-Through, UVLO
Detailed Description	Half Bridge (2) Driver Synchronous Buck Converters Power MOSFET PowerPAK® MLP55-31L	Current - Peak Output	-
Current - Output / Channel	50A	Applications	Synchronous Buck Converters
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RELATED PRODUCTS			
	Part#: SIC645ER-T1-GE3 Description: 60A VRPOWERSMART POWER STAGE(SPS)	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC645ADR-T1-GE3 Description: 60A VRPOWER SMART POWER STAGE(SP)	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#: SIC769ACD-T1-GE3 Description: IC CTRL PFC STAGE PPAK MLP66-40	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC634CD-T1-GE3 Description: 40A VRPOWER (DRMOS) INTEGRATED P	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#: SIC645AER-T1-GE3 Description: IC PWR STAGE 60A 3.3V MLP55-32L	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#: SIC621CD-T1-GE3 Description: 60A VRPOWER(DRMOS)INTEGRATED POW	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC770CD-T1-GE3 Description: IC CTRL PFC STAGE PPAK MLP66-40	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC638ACD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC645ALR-T1-GE3 Description: 60A VRPOWERSMART POWER STAGE(SPS)	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC762CD-T1-GE3 Description: IC CTRL PFC STAGE PPAK MLP66-40	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC769CD-T1-E3 Description: IC CTRL PFC STAGE PPAK MLP66-40	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#: SIC632ACD-T1-GE3 Description: IC CTRL STAGE 50A 3.3V PWM PPAK	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#: SIC631CD-T1-GE3 Description: IC CTRL STAGE 50A 5V PWM PPAK ML	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC639CD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SIC639ACD-T1-GE3 Description: INTEGRATED POWER STAGE POWERPAK	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for SIC638CD-T1-GE3			
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