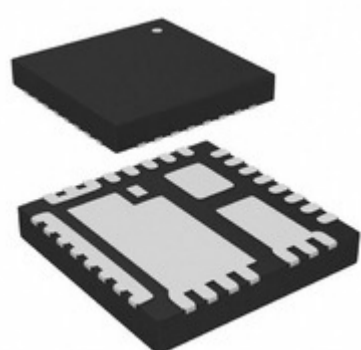


**SIC632ACD-T1-GE3**



**Part Number:** [SIC632ACD-T1-GE3](#)  
**Manufacturer:** [Electro-Films \(EFI\) / Vishay](#)  
**Description:** IC CTRL STAGE 50A 3.3V PWM PPAK  
**Data sheet:** [PDF SIC632\(A\)](#)

**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**

<b>Part Number</b>	<a href="#">SIC632ACD-T1-GE3</a>
<b>Manufacturer</b>	<a href="#">Electro-Films (EFI) / Vishay</a>
<b>Description</b>	IC CTRL STAGE 50A 3.3V PWM PPAK
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	92087 pcs
<b>Product Photo</b>	<a href="#">SIC632ACD-T1-GE3.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply</b>	4.5 V ~ 5.5 V
<b>Voltage - Load</b>	4.5 V ~ 24 V
<b>Technology</b>	Power MOSFET
<b>Supplier Device Package</b>	PowerPAK® MLP55-31L
<b>Series</b>	VRPower®
<b>Rds On (Typ)</b>	-
<b>Packaging</b>	Cut Tape (CT)
<b>Package / Case</b>	PowerPAK® MLP55-31L
<b>Output Configuration</b>	Half Bridge
<b>Other Names</b>	SIC632ACD-T1-GE3CT
<b>Operating Temperature</b>	-40°C ~ 150°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Load Type</b>	Inductive
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Interface</b>	PWM
<b>Features</b>	Bootstrap Circuit, Diode Emulation, Status Flag
<b>Fault Protection</b>	UVLO
<b>Detailed Description</b>	Half Bridge Driver Synchronous Buck Converters Power MOSFET PowerPAK® MLP55-31L
<b>Current - Peak Output</b>	-
<b>Current - Output / Channel</b>	50A
<b>Applications</b>	Synchronous Buck Converters

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RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">SIC620ARCD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 60A 3.3V PWM PPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 53189	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC534CD-T1-GE3</a> <b>Description:</b> IC POWER STAGE 30A POWERPAK MLP4	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 64172	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC638ACD-T1-GE3</a> <b>Description:</b> INTEGRATED POWER STAGE POWERPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 77699	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC645AER-T1-GE3</a> <b>Description:</b> IC PWR STAGE 60A 3.3V MLP55-32L	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 59717	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC531CD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 30A 5V PWM PPAK ML	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 87870	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC634CD-T1-GE3</a> <b>Description:</b> 40A VRPOWER (DRMOS) INTEGRATED P	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 106156	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC620RCD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 60A 5V PWM PPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 57901	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC638CD-T1-GE3</a> <b>Description:</b> INTEGRATED POWER STAGE POWERPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 82977	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC639ACD-T1-GE3</a> <b>Description:</b> INTEGRATED POWER STAGE POWERPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 84017	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC639CD-T1-GE3</a> <b>Description:</b> INTEGRATED POWER STAGE POWERPAK	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 73391	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC621CD-T1-GE3</a> <b>Description:</b> 60A VRPOWER(DRMOS)INTEGRATED POW	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 61141	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC533CD-T1-GE3</a> <b>Description:</b> IC POWER STAGE 35A POWERPAK MLP4	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 79965	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC620ACD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 60A PPAK MLP55-31L	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 65331	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC632CD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 50A 5V PWM PPAK ML	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 97337	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC532CD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 30A 5V PWM PPAK ML	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 82625	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC645ADR-T1-GE3</a> <b>Description:</b> 60A VRPOWER SMART POWER STAGE(SP)	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 59513	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC631CD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 50A 5V PWM PPAK ML	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 74366	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC645ER-T1-GE3</a> <b>Description:</b> 60A VRPOWERSMART POWER STAGE(SPS)	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 58764	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC620CD-T1-GE3</a> <b>Description:</b> IC CTRL STAGE 60A PPAK MLP55-31L	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 78034	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SIC645ALR-T1-GE3</a> <b>Description:</b> 60A VRPOWERSMART POWER STAGE(SPS)	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a> <b>In Stock:</b> 56086	<a href="#">RFQ</a>

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