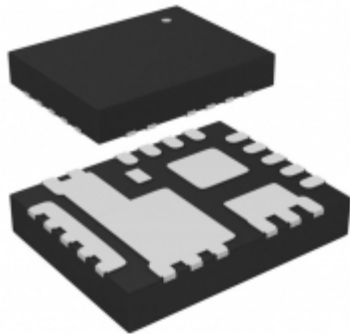


SIC521ACD-T1-GE3





**Part Number:** [SIC521ACD-T1-GE3](#)

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

**Description:** IC CTRL STAGE 30A 3.3V PWM PPAK

**Data sheet:**  [SIC521\(A\)](#)

**RoHs Status:** Lead free / RoHS Compliant

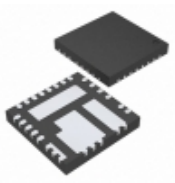
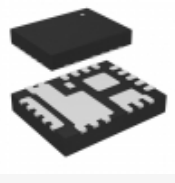
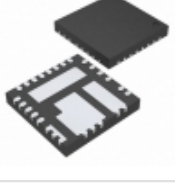
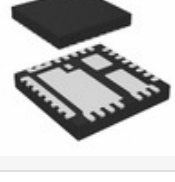
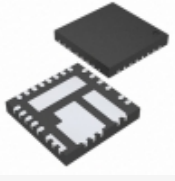
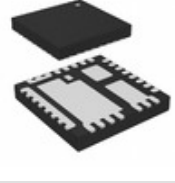
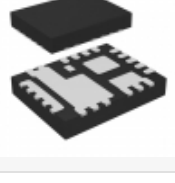
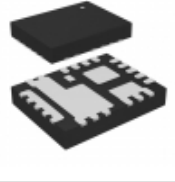
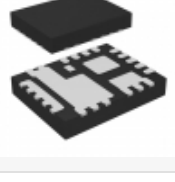
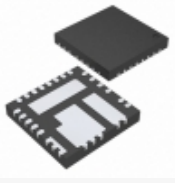
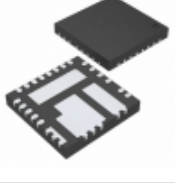
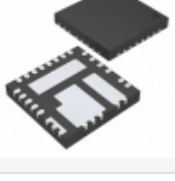
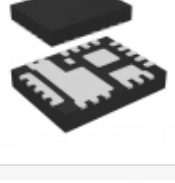
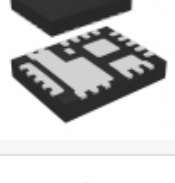
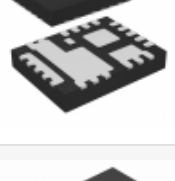
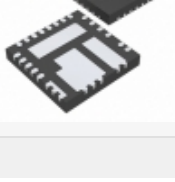
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy SIC521ACD-T1-GE3 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |                                  |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SIC521ACD-T1-GE3                                                                  | Manufacturer                     | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC CTRL STAGE 30A 3.3V PWM PPAK                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 84602 pcs                                                                         | Data sheet                       | <a href="#">SIC521(A)</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - Supply                 | 4.5 V ~ 5.5 V                                |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.5 V ~ 18 V                                                                      | Technology                       | Power MOSFET                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | POWERPAK® MLP4535-22L                                                             | Series                           | VRPower®                                     |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                 | Packaging                        | Original-Reel®                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PowerPAK® MLP4535-22L                                                             | Output Configuration             | Half Bridge                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SIC521ACD-T1-GE3DKR                                                               | Operating Temperature            | -40°C ~ 150°C (TJ)                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19 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® MLP4535-22L | Current - Peak Output            | 40A                                          |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30A                                                                               | Applications                     | Synchronous Buck Converters                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 84602 pieces of Electro-Films (EFI) / Vishay SIC521ACD-T1-GE3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                   |                                  |                                              |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                             |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">SIC463ED-T1-GE3</a><br>Description: IC REG BUCK ADJ 4A SYNC MLP27-55  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC530CD-T1-GE3</a><br>Description: IC CTRL STAGE 30A 5V PWM PPAK ML  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC472ED-T1-GE3</a><br>Description: MICROBUCK 8A 4.5-55V INPUT        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC620CD-T1-GE3</a><br>Description: IC CTRL STAGE 60A PPAK MLP55-31L  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC463EVB</a><br>Description: REF BRD MICROBUCK SIC463                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC473ED-T1-GE3</a><br>Description: MICROBUCK 4A 4.5-55V INPUT        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC620ACD-T1-GE3</a><br>Description: IC CTRL STAGE 60A PPAK MLP55-31L | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC531ACD-T1-GE3</a><br>Description: IC CTRL STAGE 30A 3.3V PWM PPAK  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC462EVB</a><br>Description: REF BRD MICROBUCK SIC462                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC620ARCD-T1-GE3</a><br>Description: IC CTRL STAGE 60A 3.3V PWM PPAK | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC521CD-T1-GE3</a><br>Description: IC CTRL STAGE 30A 5V PWM PPAK ML  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC534CD-T1-GE3</a><br>Description: IC POWER STAGE 30A POWERPAK MLP4  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC464EVB</a><br>Description: REF BRD MICROBUCK SIC464                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC464ED-T1-GE3</a><br>Description: IC REG BUCK ADJ 2A SYNC MLP27-55  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC471ED-T1-GE3</a><br>Description: MICROBUCK 12A 4.5-55V INPUT       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC462ED-T1-GE3</a><br>Description: IC REG BCK ADJ 6A SYNC MLP55-27L  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC532CD-T1-GE3</a><br>Description: IC CTRL STAGE 30A 5V PWM PPAK ML  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC531CD-T1-GE3</a><br>Description: IC CTRL STAGE 30A 5V PWM PPAK ML  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC533CD-T1-GE3</a><br>Description: IC POWER STAGE 35A POWERPAK MLP4  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SIC474ED-T1-GE3</a><br>Description: MICROBUCK 3A 4.5-55V INPUT        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |

| Related keywords for SIC521ACD-T1-GE3         |                                               |                                       |                                                      |
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| SIC521ACD-T1-GE3 download datasheet           | SIC521ACD-T1-GE3 datasheet                    | SIC521ACD-T1-GE3 stock                | buy SIC521ACD-T1-GE3                                 |
| Electro-Films (EFI) / Vishay SIC521ACD-T1-GE3 | Electro-Films (EFI) / Vishay SIC521ACD-T1-GE3 | Vishay Electro-Films SIC521ACD-T1-GE3 | Phoenix Passive Components / Vishay SIC521ACD-T1-GE3 |