

Image may be representation.  
See specifications for product details.



## SIC534CD-T1-GE3

Manufacturer Part Number **SIC534CD-T1-GE3**

Manufacturer **Vishay / Siliconix**

Allelco Part Number **32D-SIC534CD-T1-GE3**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC HALF BRIDGE DRV 30A PPAK MLP4**

Package **PowerPAK® MLP4535-22L**

Data sheet **SIC534.pdf**

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SIC534CD-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIC534CD-T1-GE3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SIC534CD-T1-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SIC534CD-T1-GE3 Tech Specifications

SIC534CD-T1-GE3 - Vishay Siliconix technical specifications, attributes, parameters

| Product Attribute       | Attribute Value       | Product Attribute          | Attribute Value                    |
|-------------------------|-----------------------|----------------------------|------------------------------------|
| Manufacturer            | Vishay / Siliconix    | Operating Temperature      | -40°C ~ 150°C (TJ)                 |
| Voltage - Supply        | 4.5V ~ 5.5V           | Mounting Type              | Surface Mount                      |
| Voltage - Load          | 4.5V ~ 24V            | Load Type                  | Inductive                          |
| Technology              | Power MOSFET          | Interface                  | PWM                                |
| Supplier Device Package | POWERPAK® MLP4535-22L | Features                   | Bootstrap Circuit, Diode Emulation |
| Series                  | VRPower®              | Fault Protection           | UVLO                               |
| Rds On (Typ)            | -                     | Current - Peak Output      | 35A                                |
| Package / Case          | PowerPAK® MLP4535-22L | Current - Output / Channel | 30A                                |
| Package                 | Tape & Reel (TR)      | Base Product Number        | SIC534                             |
| Output Configuration    | Half Bridge           | Applications               | Synchronous Buck Converters        |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIC534CD-T1-GE3

| Product Attribute          |                                    |   |   |   |
|----------------------------|------------------------------------|---|---|---|
| Part Number                | SIC534CD-T1-GE3                    | SIC634CD-T1-GE3                                 | SIC620CD-T1-GE3                                 | SIC632CD-T1-GE3                                 |
| Manufacturer               | Vishay Siliconix                   | Vishay Siliconix                                | Vishay Siliconix                                | Vishay Siliconix                                |
| Output Configuration       | Half Bridge                        | Half Bridge                                     | Half Bridge                                     | Half Bridge                                     |
| Operating Temperature      | -40°C ~ 150°C (TJ)                 | -40°C ~ 125°C (TA)                              | -40°C ~ 150°C (TJ)                              | -40°C ~ 150°C (TJ)                              |
| Package                    | Tape & Reel (TR)                   | Tape & Reel (TR)                                | Tape & Reel (TR)                                | Tape & Reel (TR)                                |
| Applications               | Synchronous Buck Converters        | Synchronous Buck Converters, Voltage Regulators | Synchronous Buck Converters                     | Synchronous Buck Converters                     |
| Interface                  | PWM                                | PWM   | PWM   | PWM   |
| Load Type                  | Inductive                          | Inductive                                       | Inductive                                       | Inductive                                       |
| Current - Peak Output      | 35A                                | 55A   | -   | -   |
| Supplier Device Package    | POWERPAK® MLP4535-22L              | PowerPAK® MLP55-31L                             | PowerPAK® MLP55-31L                             | PowerPAK® MLP55-31L                             |
| Current - Output / Channel | 30A                                | 50A   | 60A   | 50A   |
| Voltage - Load             | 4.5V ~ 24V                         | 4.5V ~ 24V                                      | 4.5V ~ 18V                                      | 4.5V ~ 24V                                      |
| Voltage - Supply           | 4.5V ~ 5.5V                        | 4.5V ~ 5.5V                                     | 4.5V ~ 5.5V                                     | 4.5V ~ 5.5V                                     |
| Package / Case             | PowerPAK® MLP4535-22L              | PowerPAK® MLP55-31L                             | PowerPAK® MLP55-31L                             | PowerPAK® MLP55-31L                             |
| Rds On (Typ)               | -                                  | -   | -   | -   |
| Series                     | VRPower®                           | VRPower®  | VRPower®  | VRPower®  |
| Mounting Type              | Surface Mount                      | Surface Mount                                   | Surface Mount                                   | Surface Mount                                   |
| Base Product Number        | SIC534                             | SIC634  | SIC620  | SIC632  |
| Fault Protection           | UVLO                               | UVLO  | Over Temperature, Shoot-Through, UVLO           | UVLO  |
| Technology                 | Power MOSFET                       | Power MOSFET                                    | Power MOSFET                                    | Power MOSFET                                    |
| Features                   | Bootstrap Circuit, Diode Emulation | Bootstrap Circuit                               | Bootstrap Circuit, Diode Emulation, Status Flag | Bootstrap Circuit, Diode Emulation, Status Flag |

### SIC534CD-T1-GE3 Datasheet PDF

Download SIC534CD-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIC534CD-T1-GE3 - Vishay Siliconix.

#### PCN Assembly/Origin


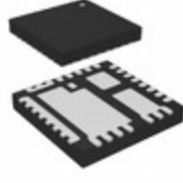
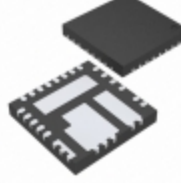
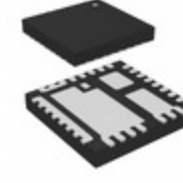
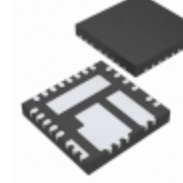
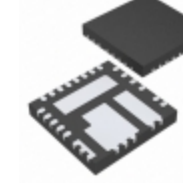
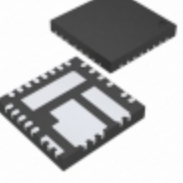
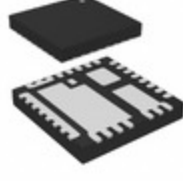
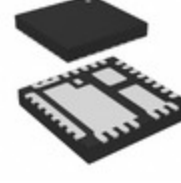

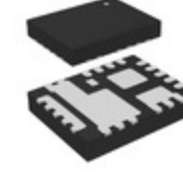
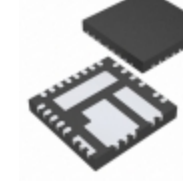
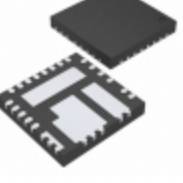



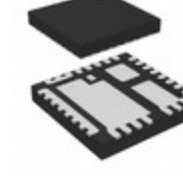
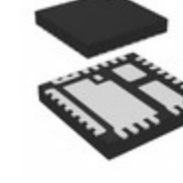
[Mult Dev 25/Jan/2023.pdf](#)

#### HTML Datasheet

[SIC534.pdf](#)

### Customers Also Interested in

## Recommended Products

|   |   |  |  |   |   |
|---|---|--|--|---|---|
| <br><b>SIC634CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 50A PPAK    | <br><b>SIC620CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 60A PPAK  | <br><b>SIC462ED-T1-GE3</b><br>Vishay Siliconix<br>IC REG BUCK ADJ 6A MLP55-27      | <br><b>SIC632CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 50A PPAK    | <br><b>SIC463ED-T1-GE3</b><br>Vishay Siliconix<br>IC REG BUCK ADJ 4A MLP55-27       | <br><b>SIC471ED-T1-GE3</b><br>Vishay Siliconix<br>IC REG BUCK ADJ 12A MLP55-27    |
| <br><b>SIC469ED-T1-GE3</b><br>Vishay Siliconix<br>SYNC REG 2A MICROBUCK PP MLP55-2 | <br><b>SIC631CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 50A PPAK | <br><b>SIC620ACD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 60A PPAK | <br><b>SIC453ED-T1-GE3</b><br>Vishay Siliconix<br>4.5 V TO 20 V INPUT, 15 A, 25 A, | <br><b>SIC531CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRV 30A PPAK MLP4 | <br><b>SIC461ED-T1-GE3</b><br>Vishay Siliconix<br>IC REG BUCK ADJ 10A MLP55-27   |
| <br><b>SIC464ED-T1-GE3</b><br>Vishay Siliconix<br>IC REG BUCK ADJ 2A MLP55-27      | <br><b>SIC6008-101</b><br>SICMICR  | <br><b>SIC610ACD-T1-GE3</b><br>Electro-Films (EFI) / Vishay                       | <br><b>SIC532CD-T1-GE</b><br>Electro-Films (EFI) / Vishay                          | <br><b>SIC632ACD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 50A PPAK  | <br><b>SIC621CD-T1-GE3</b><br>Vishay Siliconix<br>IC HALF BRIDGE DRIVER 60A PPAK |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |

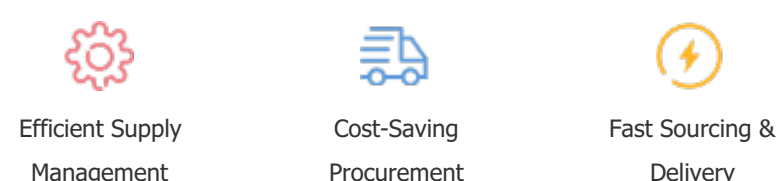
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

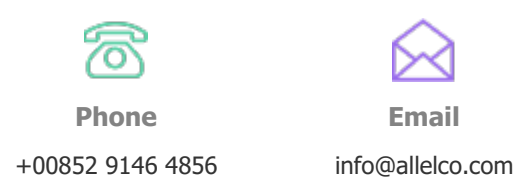
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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