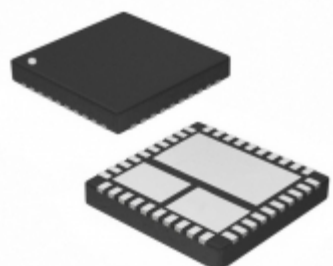


SIC780CD-T1-GE3





Part Number: [SIC780CD-T1-GE3](#)

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

Description: IC BUCK ADJ 50A 40MLP

Data sheet:  [SIC780\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

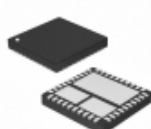
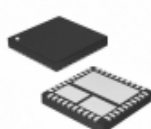
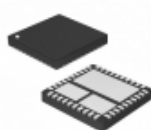
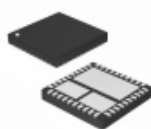
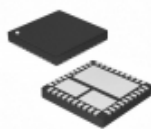
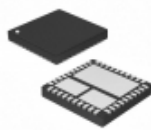
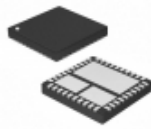
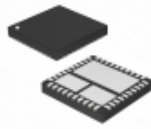
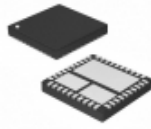
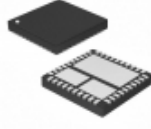
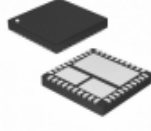
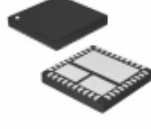
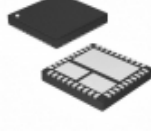
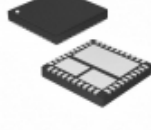
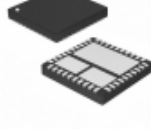
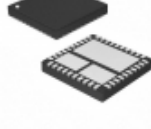
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy SIC780CD-T1-GE3 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |                                  |                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SIC780CD-T1-GE3                                                         | Manufacturer                     | <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC BUCK ADJ 50A 40MLP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 89810 pcs                                                               | Data sheet                       | <a href="#">SiC780(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                       | DrMOS                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PowerPAK® MLP66-40                                                      | Series                           | -                                                            |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                       | Packaging                        | Cut Tape (CT)                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40-PowerWFQFN Module                                                    | Output Configuration             | Half Bridge                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SIC780CD-T1-GE3CT                                                       | 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, Status Flag                         | Fault Protection                 | Over Temperature, Shoot-Through, UVLO                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Half Bridge Driver Synchronous Buck Converters DrMOS PowerPAK® MLP66-40 | Current - Peak Output            | -                                                            |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 50A                                                                     | Base Part Number                 | SIC780                                                       |
| 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 89810 pieces of Electro-Films (EFI) / Vishay SIC780CD-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="#">SIC778ACD-T1-GE3</a><br>Description: IC BUCK ADJ 40A 40MLP            | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC778CD-T1-GE3</a><br>Description: IC BUCK ADJ 40A 40MLP             | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC781CD-T1-GE3</a><br>Description: IC BUCK ADJ 50A 40MLP             | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC772CD-T1-GE3</a><br>Description: IC MOSFET DRIVER N-CH 40MLP       | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC780ACD-T1-GE3</a><br>Description: IC BUCK ADJ 50A 40MLP            | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC762CD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40   | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC788ACD-T1-GE3</a><br>Description: 50A VRPOWER INTEGRATED POWER ST  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC769CD-T1-E3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40    | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC779CD-T1-GE3</a><br>Description: IC BUCK ADJ 40A 40MLP             | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SICH100-C</a><br>Description: CBL CLIP WIRE SADDLE NAT ARROW          | Manufacturers: <a href="#">Panduit</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">SICH150-C</a><br>Description: CBL CLIP WIRE SADDLE NAT ARROW          | Manufacturers: <a href="#">Panduit</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">SIC779ACD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC770CD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40   | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC783ACD-T1-GE3</a><br>Description: INTEGRATED 50A DRMOS POWER STAGE | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SICC111</a><br>Description: LED CONN ASSY SGL 3W 24VDC CV             | Manufacturers: <a href="#">Stanley Electric</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">SIC789ACD-T1-GE3</a><br>Description: IC BUCK ADJ 60A MLP66-40L        | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SICC101</a><br>Description: LED CONN ASSY SGL 3W 24VDC CC             | Manufacturers: <a href="#">Stanley Electric</a>                             | <div>RFQ</div> |
|  | Part#: <a href="#">SIC789CD-T1-GE3</a><br>Description: 60A VRPOWER INTEGRATED POWER ST   | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC769ACD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40  | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SIC788CD-T1-GE3</a><br>Description: 50A VRPOWER INTEGRATED POWER ST   | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a> | <div>RFQ</div> |

| Related keywords for SIC780CD-T1-GE3         |                                              |                                      |                                                     |
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| SIC780CD-T1-GE3 download datasheet           | SIC780CD-T1-GE3 datasheet                    | SIC780CD-T1-GE3 stock                | buy SIC780CD-T1-GE3                                 |
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